Catalogue

Hand Tools





Campbell® · Caulk Master® · Crescent® · Lufkin® · Nicholson™ · Plumb® · H.K.Porter® · Weller® · Wiss®

COOPER Hand Tools

Dear Customers!

Welcome to our new Hand Tools Catalogue

We are pleased to present you our new programme of hand-tools. Just everything that you expect from a tool supplier.

Cooper Hand Tools is a manufacturer and marketer of premium quality hand tool, chain, and specialty products for the industrial, commercial, and consumer markets. Cooper Hand Tools brands and products are recognized worldwide, and include many market leaders, such as Campbell® chain, Crescent® brand adjustable wrenches, Nicholson™ files, Weller® soldering products, and Wiss® snips.

Cooper Hand Tools maintains extensive global manufacturing and marketing facilities with a network of distributors and wholesalers supplying Cooper´s famous product lines to industry worldwide, as well as to hardware stores, mass merchandisers, hobby, crafts and multiple retailers. Tools for every job!

Campbell® – Chains, ropes, clamps, blocks, and fittings
Caulkmaster® – Air powered dispensing products
Crescent® – Wrenches, pliers, drivers, and tool sets
Diamond® – Horseshoes and farrier tools
Erem® – Precision pliers, cutters, and tweezers
Kahnetics® – Automated and manual dispensing systems
Lufkin® – Tapes and levels
Nicholson™ – Files, rasps, saws, and multi-purpose tools
Plumb® – Hammers and chisels
H.K. Porter® – Bolt, cable, and strap cutters
Weller® – Soldering and desoldering tools
Wire-Wrap® – Solderless connection equipment
Wiss® – Scissors, snips, and cutters
Xcelite® – Drivers, pliers, cutters, kits, and sets

With the combined resources of Cooper Industries Inc., Cooper Hand Tools is soundly based to maintain and develop its reputation for producing quality tools and equipment worthy of tradesmen, professionals, and craftmen.

Experience progress in minute detail with strong brands.



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COOPER Hand Tools

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Campbell® 7
Chain Products, Ropes, Accessories, Clamps, and Fittings

Caulk Master® 59
Air Powered Dispensing Products

Crescent® 63
Wrenches, Pliers, Drivers, and Tool Sets

Lufkin® 83
Tapes and Levels

Nicholson™ 101
Files, Saws, and Multi-Purpose Tools

Plumb® 151
Hammers and Wrecking Bars

H.K.Porter® 157
Bolt, Cable, and Strap Cutters

Weller® 175
Soldering Tools, Accessories, Insulated Screwdriver, and Pliers

Wiss® 207
Scissors, Snips, and Cutting Tools



Chain Products, Ropes, Accessories, Clamps, and Fittings

Campbell®

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Chain Shop 1000 and Chain Shop 1250

Campbell® introduces into the European market a simple and easily maintained display system – of a similar design to that which has already become the top selling method in DIY shops and large multiple retail outlets in the USA.
This display system was developed specially for the European market and fits to most display units.
A newly developed tray-system removes the need for axles – chain dispensing is easy, as its reel replacement when re-stocking is required.
This style of storage and display ensures the maximum amount of products shown in the minimum amount of space.

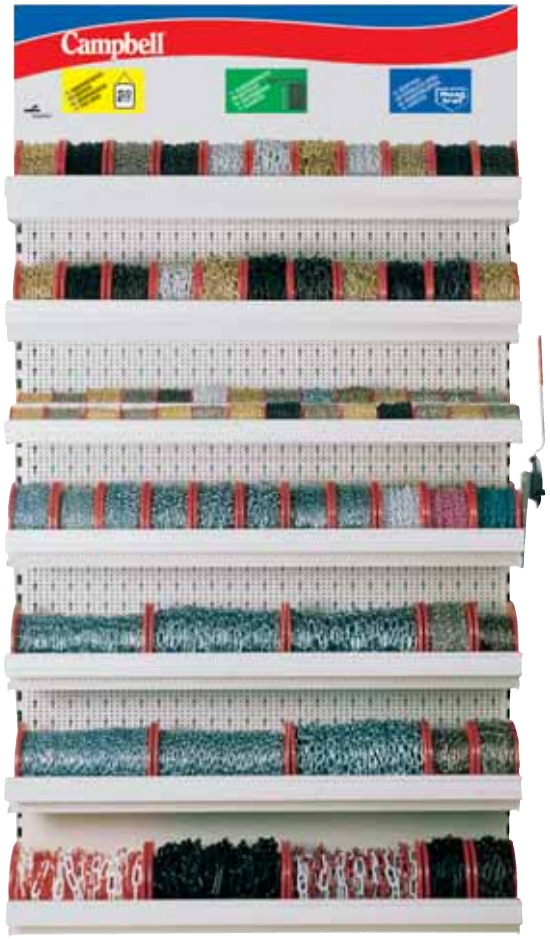
Chain Shop 1000 and Chain Shop 1250
A complete chain shop consists of:

- **Display shelves**
  The number of display shelves that can be fixed depends on the height of the display unit.

- **Metre rule**
  The metre rule is labelled with EAN-codes and product code no. and have free space for price labels.

- **Chain cutter**
  The powerful chain cutter for easy cutting of all steel chains up to 6 mm link diameter.
  The chain cutter is of a rugged construction and maintenance free.

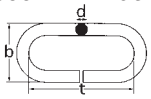
- **Display header**
  The header can be fixed to pegboards with adapters and special hooks and is available in different languages.



Chain Shop 1000

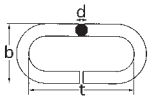
Shelves of chains on reels for merchandiser display with 1000 mm width, code no. 0120721000.

- inside use
- outside use
- stainless steel



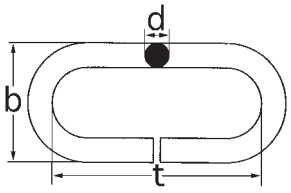
Code No.		Description	d x t x b / mm	Reel-Type	m per Reel
Row 1 (complete)					
0120711017	●	Deco-Chain round, brass plated	2,0 x 15 x 10	B	50
0120711077	●	Deco-Chain round, black	2,0 x 15 x 10	B	50
0120711314	●	Deco-Chain round, solid brass	2,8 x 19 x 15	B	30
0120716077	●	Deco-Chain squared, black	4,0 x 29 x 17	B	20
0120717277	●	Deco-Chain squared, black	3,5 x 38 x 20	B	20
0120717297	●	Deco-Chain squared, burnished	3,5 x 38 x 20	B	20
0120713217	●	Deco-Chain cathedral, brass plated	2,8 x 39 x 20	B	20
0120713277	●	Deco-Chain cathedral, black	2,8 x 39 x 20	B	20
0120713297	●	Deco-Chain cathedral, burnished	2,8 x 39 x 20	B	20
Row 2 (complete)					
0120711027	●	Deco-Chain round, nickel plated	2,0 x 15 x 10	B	50
0120711087	●	Deco-Chain round,white epoxy coated	2,0 x 15 x 10	B	50
0120714017	●	Deco-Chain squared, brass plated	2,0 x 16 x 9	B	50
0120714077	●	Deco-Chain squared, black	2,0 x 16 x 9	B	50
0120714097	●	Deco-Chain squared, burnished	2,0 x 16 x 9	B	50
0120715017	●	Deco-Chain squared, brass plated	3,0 x 28 x 14	B	20
0120715077	●	Deco-Chain squared, black	3,0 x 28 x 14	B	20
0120715097	●	Deco-Chain squared, burnished	3,0 x 28 x 14	B	20
0120715087	●	Deco-Chain squared, white epoxy coated	3,0 x 28 x 14	B	20
Row 3A (complete)					
0120711917	●	Forcat-Chain, brass plated	1,1 x 5 x 5	A	25
0120711927	●	Forcat-Chain, nickel plated	1,1 x 5 x 5	A	25
0120717017	●	Gourmette-Chain, brass plated	1,2 x 3,5 x 4	A	25
0120717027	●	Gourmette-Chain, nickel plated	1,2 x 3,5 x 4	A	25
0120719017	●	Gourmette-Chain, brass plated	1,5 x 4 x 5	A	25
0120719027	●	Gourmette-Chain, nickel plated	1,5 x 4 x 5	A	25
0120712017	●	Twist link Chain, brass plated	2,0 x 8 x 7	A	15
0120712027	●	Twist link Chain, nickel plated	2,0 x 8 x 7	A	15
0120712517	●	Twist link Chain, brass plated	2,5 x 7 x 9	A	10
0120712527	●	Twist link Chain, nickel plated	2,5 x 7 x 9	A	10
0120710767	●	Clock-Chain, Inox, stainless steel	1,6 x 8 x 6	A	25
Row 3B (complete)					
0120710317	●	Clock-Chain, brass plated	1,1 x 7 x 4,5	A	50
0120710517	●	Clock-Chain, brass plated	1,3 x 7,5 x 5	A	25
0120710527	●	Clock-Chain, nickel plated	1,3 x 7,5 x 5	A	25
0120710717	●	Clock-Chain, brass plated	1,6 x 8 x 6	A	25
0120710727	●	Clock-Chain, nickel plated	1,6 x 8 x 6	A	25
0120710737	●	Clock-Chain, lead coloured	1,6 x 8 x 6	A	25
0120710747	●	Clock-Chain, white epoxy coated	1,6 x 8 x 6	A	25
0120710757	●	Clock-Chain, solid brass	1,6 x 8 x 6	A	25
0120713627	●	Ball-Chain, solid brass, nickel plated	3,6	A	25
0120710217	●	Sash-Chain, solid brass	0,4 x 12,5 x 5	A	50
0120710227	●	Sash-Chain, solid brass, nickel plated	0,4 x 12,5 x 5	A	50

- inside use
- outside use
- stainless steel



Code No.		Description	d x t x b / mm	Reel-Type	m per Reel
Row 4 (complete)					
0120710624	●	Victor-Chain, el. galvanized & blue chromed	1,4 x 20 x 6,5	B	90
0120710524	●	Victor-Chain, el. galvanized & blue chromed	1,6 x 23 x 7	B	60
0120710324	●	Victor-Chain, el. galvanized & blue chromed	2,0 x 28 x 9	B	50
0120710124	●	Victor-Chain, el. galvanized & blue chromed	2,5 x 35 x 11	B	30
0120712034	●	Victor-Chain, el. galvanized & blue chromed	3,1 x 41 x 14	B	20
0120710284	●	Victor-Chain, white epoxy coated	2,2 x 31 x 10	B	30
0120332007	●	C-Link Chain, el. galvanized & blue chromed	2,0 x 22 x 9	B	60
0120313027	●	A-Link Chain, el. galvanized & blue chromed	2,0 x 12 x 8	B	60
0120193007	●	C-Link Chain, Inox, stainless steel	3,0 x 26 x 12	B	25
Row 5 (complete)					
0120333007	●	C-Link Chain, el. galvanized & blue chromed	3,0 x 26 x 12	C	60
0120334007	●	C-Link Chain, el. galvanized & blue chromed	4,0 x 32 x 16	C	58
0120335007	●	C-Link Chain, el. galvanized & blue chromed	5,0 x 35 x 20	C	32
Row 6 (complete)					
0120313037	●	A-Link Chain, el. galvanized & blue chromed	3,0 x 16 x 11	C	100
0120313047	●	A-Link Chain, el. galvanized & blue chromed	4,0 x 19 x 15	C	50
0120313067	●	A-Link Chain, el. galvanized & blue chromed	6,0 x 24 x 23	C	35
Row 7 (complete)					
0120993007	●	Plastic Chain, red/white	6,0 x 40 x 22	C	25
0120998007	●	Plastic Chain, black	10,0 x 61 x 33	C	12,5
0120996060	●	C-Link Chain, galvanized and red/white epoxy coated	6,0 x 42 x 24	C	25

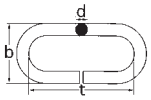
Chain Dimensions:
d = diameter mm
t = inner length mm
b = outer width mm



Chain Shop 1250

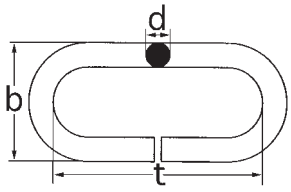
Shelves of chains on reels for merchandiser display with 1250 mm width, code no. 0120721250.

- inside use
- outside use
- stainless steel

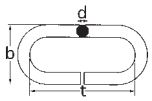


Code No.		Description	d x t x b / mm	Reel-Type	m per Reel
Row 1 (complete)					
0120711017	●	Deco-Chain round, brass plated	2,0 x 15 x 10	B	50
0120711077	●	Deco-Chain round, black	2,0 x 15 x 10	B	50
0120711027	●	Deco-Chain round, nickel plated	2,0 x 15 x 10	B	50
0120711097	●	Deco-Chain round, burnished	2,0 x 15 x 10	B	50
0120711087	●	Deco-Chain round, white epoxy coated	2,0 x 15 x 10	B	50
0120711387	●	Deco-Chain round, white epoxy coated	2,8 x 29 x 15	B	30
0120711314	●	Deco-Chain round, solid brass	2,8 x 29 x 15	B	30
0120714087	●	Deco-Chain squared, white epoxy coated	2,0 x 16 x 9	B	50
0120714017	●	Deco-Chain squared, brass plated	2,0 x 16 x 9	B	50
0120714077	●	Deco-Chain squared, black	2,0 x 16 x 9	B	50
0120714097	●	Deco-Chain squared, burnished	2,0 x 16 x 9	B	50
Row 2 (complete)					
0120715017	●	Deco-Chain squared, brass plated	3,0 x 28 x 14	B	20
0120715077	●	Deco-Chain squared, black	3,0 x 28 x 14	B	20
0120715097	●	Deco-Chain squared, burnished	3,0 x 28 x 14	B	20
0120715087	●	Deco-Chain squared, white epoxy coated	3,0 x 28 x 14	B	20
0120717217	●	Deco-Chain twisted, brass plated	3,5 x 38 x 20	B	20
0120717277	●	Deco-Chain squared, black	3,5 x 38 x 20	B	20
0120717297	●	Deco-Chain squared, burnished	3,5 x 38 x 20	B	20
0120713217	●	Deco-Chain cathedral, brass plated	2,8 x 39 x 20	B	20
0120713277	●	Deco-Chain cathedral, black	2,8 x 39 x 20	B	20
0120713297	●	Deco-Chain cathedral, burnished	2,8 x 39 x 20	B	20
0120711317	●	Deco-Chain round, brass plated	2,8 x 29 x 15	B	30
Row 3A (complete)					
0120711917	●	Forcat-Chain, brass plated	1,1 x 5 x 5	A	25
0120711927	●	Forcat-Chain, nickel plated	1,1 x 5 x 5	A	25
0120717017	●	Gourmette-Chain, brass plated	1,2 x 3,5 x 4	A	25
0120717027	●	Gourmette-Chain, nickel plated	1,2 x 3,5 x 4	A	25
0120719017	●	Gourmette-Chain, brass plated	1,5 x 4 x 5	A	25
0120719027	●	Gourmette-Chain, nickel plated	1,5 x 4 x 5	A	25
0120712017	●	Twist link Chain, brass plated	2,0 x 8 x 7	A	15
0120712027	●	Twist link Chain, nickel plated	2,0 x 8 x 7	A	15
0120712077	●	Twist link Chain, black	2,0 x 8 x 7	A	15
0120712517	●	Twist link Chain, brass plated	2,5 x 7 x 9	A	10
0120712527	●	Twist link Chain, nickel plated	2,5 x 7 x 9	A	10
0120712577	●	Twist link Chain, black	2,5 x 7 x 9	A	10
0120710317	●	Clock-Chain, brass plated	1,1 x 7 x 4,5	A	50
0120710327	●	Clock-chain, nickel plated	1,1 x 7 x 4,5	A	50

Chain Dimensions:
d = Diameter mm
t = inner length mm
b = outer width mm



- inside use
- outside use
- stainless steel



Code No.		Description	d x t x b / mm	Reel-Type	m per Reel
Row 3B (complete)					
0120710517	●	Clock-Chain, brass plated	1,3 x 7,5 x 5	A	25
0120710527	●	Clock-Chain, nickel plated	1,3 x 7,5 x 5	A	25
0120710717	●	Clock-Chain, brass plated	1,6 x 8 x 6	A	25
0120710727	●	Clock-Chain, nickel plated	1,6 x 8 x 6	A	25
0120710737	●	Clock-Chain, lead coloured	1,6 x 8 x 6	A	25
0120710747	●	Clock-Chain, white epoxy coated	1,6 x 8 x 6	A	25
0120710757	●	Clock-Chain, solid brass	1,6 x 8 x 6	A	25
0120710767	●	Clock-Chai, Inox, stainless steel	1,6 x 8 x 6	A	25
0120711624	●	Jack-Chain, el. galvanized & blue chromed	1,6	A	20
0120712024	●	Jack-Chain, el. galvanized & blue chromed	2,0	A	15
0120710217	●	Sash-Chain, solid brass	0,4 x 12,5 x5	A	50
0120710227	●	Sash-Chain, solid brass, nickel plated	0,4 x 12,5 x5	A	50
0120713027	●	Sash-Chain, solid brass, nickel plated	0,5 x 19,5 x7	A	25
0120713627	●	Ball-Chain, solid brass, nickel plated	3,6	A	25
Row 4 (complete)					
0120710624	●	Victor Chain, el. galvanized & blue chromed	1,4 x 20 x 6,5	B	90
0120710524	●	Victor Chain, el. galvanized & blue chromed	1,6 x 23 x 7	B	60
0120710324	●	Victor Chain, el. galvanized & blue chromed	2,0 x 28 x 9	B	50
0120710124	●	Victor Chain, el. galvanized & blue chromed	2,5 x 35 x 11	B	30
0120712034	●	Victor Chain, el. galvanized & blue chromed	3,1 x 41 x 14	B	20
0120713524	●	Victor Chain, el. galvanized & blue chromed	3,4 x 44 x 15,5	B	15
0120332007	●	C-Link Chain, el. galvanized & blue chromed	2,0 x 22 x 9	B	60
0120313027	●	A-Link Chain, el. galvanized & blue chromed	2,0 x 12 x 8	B	60
0120710284	●	Victor Chain, white epoxy coated	2,2 x 31 x 10	B	30
0120710294	●	Victor Chain, pink epoxy coated	2,2 x 31 x 10	B	30
0120710295	●	Victor Chain, turkquoise epoxy coated	2,2 x 31 x 10	B	30
Row 5 (complete)					
0120333007	●	C-Link Chain, el. galvanized & blue chromed	3,0 x 26 x 12	C	60
0120334007	●	C-Link Chain, el. galvanized & blue chromed	4,0 x 32 x 16	C	58
0120335007	●	C-Link Chain, el. galvanized & blue chromed	5,0 x 35 x 20	C	32
0120710494	●	Victor Chain, Inox, stainless steel	1,8 x 26,5 x 8	B	60
0120192007	●	C-Link Chain, Inox, stainless steel	2,0 x 22 x 8	B	30
Row 6 (complete)					
0120313037	●	A-Link Chain, el. galvanized & blue chromed	3,0 x 16 x 11	C	100
0120313047	●	A-Link Chain, el. galvanized & blue chromed	4,0 x 19 x 15	C	50
0120313067	●	A-Link Chain, el. galvanized & blue chromed	6,0 x 24 x 23	C	35
0120193007	●	C-Link Chain, Inox, stainless steel	3,0 x 26 x 12	B	25
0120711327	●	Deco-Chain round, nickel plated	2,8 x 29 x 15	B	30
Row 7 (complete)					
0120993007	●	Plastic Chain, red/white	6,0 x 40 x 22	C	25
0120998007	●	Plastic Chain, black	10,0 x 61 x 33	C	12,5
0120996060	●	C-Link Chain, el. galvanized, red/white epoxy coated	6,0 x 42 x 24	C	25
0120716077	●	Deco-Chain squared, black	4,0 x 29 x 17	B	20
0120716097	●	Deco-Chain squared, burnished	4,0 x 29 x 17	B	20

Rope Shop 1000 and Rope Shop 1250

The Campbell® Rope Shop carries all important items for the DIY- and Hardware market:

- Polypropylene (PP-ropes), twisted and braided versions.
- Natural ropes (sisal)
- Sailing-ropes
- Nylon ropes
- Wire ropes el. galvanized (also PVC-coated)



Rope Shop 1000 and Rope Shop 1250
A complete rope shop consists of:

- **Display shelves**
  The number of display shelves that can be fixed depends on the height of the display unit.

- **Metre rule**
  The metre rule is labelled with EAN-codes and code no. and have free space for price labels.

- **Rope cutting gun**
  The rope cutting gun ensures that cut ends do not become frayed.

- **Cable cutter**
  The special cabel cutter cuts all cables easily and ensures that cut ends do not become frayed.

- **Display header**
  The header can be fixed to pegboards with adapters and special hooks and is available in different languages.

Rope Shop 1000

Shelves of ropes on reels for merchandiser display with 1000 mm width, code no. 0120983050.

- Natural ropes
- Universal ropes

Code No.		Description	Diameter mm	Reel-Type	m per Reel
Row 1 (complete)					
0120980630	●	Braided Twine PP-multifil, white	3,0	D	450
0120980631	●	Braided Twine PP-multifil, yellow	3,0	D	450
0120980632	●	Braided Twine PP-multifil, orange	3,0	D	450
0120980634	●	Braided Twine PP-multifil, red	3,0	D	450
0120980635	●	Braided Twine PP-multifil, mint	3,0	D	450
0120980637	●	Braided Twine PP-multifil, blue	3,0	D	450
0120980638	●	Braided Twine PP-multifil, brown	3,0	D	450
0120980639	●	Braided Twine PP-multifil, black	3,0	D	450
0120980220	●	Jalousietwine, 16 x braided, white	2,2	D	500
Row 2 (complete)					
0120980640	●	Braided rope PP-multifil, white	4,0	D	180
0120980650	●	Braided rope PP-multifil, white	5,0	D	120
0120980660	●	Braided rope PP-multifil, white	6,0	D	100
0120980661	●	Braided rope PP-multifil, yellow	6,0	D	100
0120980662	●	Braided rope PP-multifil, red	6,0	D	100
0120980665	●	Braided rope PP-multifil, green	6,0	D	100
0120980666	●	Braided rope PP-multifil, blue	6,0	D	100
0120980761	●	PP-Rope twisted, orange	6,0	D	60
0120980860	●	Nylon-Rope twisted, white	6,0	D	60
Row 3 (complete)					
0120980560	●	Sisal-Rope twisted, natural	6,0	D	60
0120980060	●	Spleitex-Rope twisted, hemp coloured	6,0	D	60
0120981520	●	Wire rope cable, el. galvanized	2,0	D	153
0120981530	●	Wire rope cable, el. galvanized	3,0	D	153
0120981540	●	Wire rope cable, el. galvanized	4,0	D	100
0120981620	●	Wire rope cable, PVC coated	2,0/3,0	D	153
0120981630	●	Wire rope cable, PVC coated	3,0/4,5	D	76
0120980681	●	Braided Rope PP-multifil, yellow	8,0	E	120
Row 4 (complete)					
0120980682	●	Braided Rope PP-multifil, red	8.0	E	120
0120980683	●	Braided Rope PP-multifil, blue	8.0	E	120
0120980685	●	Braided Rope PP-multifil, mint	8,0	E	120
0120980686	●	Braided Rope PP-multifil, red/green	8.0	E	120
Row 5 (complete)					
0120980880	●	Nylon-Rope twisted, white	8.0	E	120
0120980780	●	PP-Rope twisted, orange	8.0	E	120
0120980580	●	Sisal-Rope twisted, natural	8.0	E	120
0120980800	●	Nylon-Rope twisted, white	10,0	E	70
Row 6 (complete)					
0120980000	●	Spleitex-Rope twisted, natural	10,0	E	70
0120980500	●	Sisal-Rope twisted, natural	10.0	E	70
0120980700	●	PP-Rope twisted, orange	10,0	E	70
0120980100	●	Sailing-Rope double braided, white/red	10,0	E	70

Recommended accessories are indicated by a • on the pages 32–35

Rope Shop 1250

Shelves of ropes on reels for merchandiser display with 1250 mm width, code-no. 0120983051.

- Natural ropes
- Universal ropes

Code No.		Description	Diameter mm	Reel-Type	m per Reel
Row 1 (complete)					
0120980630	●	Braided Twine PP-multifil, white	3,0	D	450
0120980631	●	Braided Twine PP-multifil, yellow	3,0	D	450
0120980632	●	Braided Twine PP-multifil, orange	3,0	D	450
0120980633	●	Braided Twine PP-multifil, pink	3,0	D	450
0120980634	●	Braided Twine PP-multifil, red	3,0	D	450
0120980635	●	Braided Twine PP-multifil, mint	3,0	D	450
0120980636	●	Braided Twine PP-multifil, green	3,0	D	450
0120980637	●	Braided Twine PP-multifil, blue	3,0	D	450
0120980638	●	Braided Twine PP-multifil, brown	3,0	D	450
0120980639	●	Braided Twine PP-multifil, black	3,0	D	450
0120980220	●	Jalousietwine, 16 x braided, white	2,2	D	500
0120980230	●	Jalousietwine, 16 x braided, white	3,0	D	300
Row 2 (complete)					
0120980640	●	Braided Rope PP-multifil, white	4,0	D	180
0120980650	●	Braided Rope PP-multifil, white	5,0	D	120
0120980660	●	Braided Rope PP-multifil, white	6,0	D	100
0120980661	●	Braided Rope PP-multifil, yellow	6,0	D	100
0120980662	●	Braided Rope PP-multifil, red	6,0	D	100
0120980663	●	Braided Rope PP-multifil, pink	6,0	D	100
0120980664	●	Braided Rope PP-multifil, mint	6,0	D	100
0120980665	●	Braided Rope PP-multifil, green	6,0	D	100
0120980666	●	Braided Rope PP-multifil, blue	6,0	D	100
0120980760	●	PP-Rope twisted, black/yellow/red	6,0	D	100
0120980761	●	PP-Rope twisted, orange	6,0	D	60
0120980860	●	Nylon-Rope twisted, white	6,0	D	60
Row 3 (complete)					
0120980560	●	Sisal-Rope twisted, natural	6,0	D	60
0120980060	●	Spleitex-Rope twisted, hemp coloured	6,0	D	60
0120981520	●	Wire rope cable, el. galvanized	2,0	D	153
0120981530	●	Wire rope cable, el. galvanized	3,0	D	153
0120981540	●	Wire rope cable, el. galvanized	4,0	D	100
0120981620	●	Wire rope cable, el. galvanized, PVC coated	2,0 / 3,0	D	153
0120981630	●	Wire rope cable, el. galvanized, PVC coated	3,0 / 4,5	D	76
0120980680	●	Braided Rope PP-multifil, white	8,0	E	120
0120980681	●	Braided Rope PP-multifil, yellow	8,0	E	120
Row 4 (complete)					
0120980682	●	Braided Rope PP-multifil, red	8,0	E	120
0120980683	●	Braided Rope PP-multifil, blue	8,0	E	120
0120980684	●	Braided Rope PP-multifil, pink	8,0	E	120
0120980685	●	Braided Rope PP-multifil, mint	8,0	E	120
0120980686	●	Braided Rope PP-multifil, red/green	8,0	E	120
Row 5 (complete)					
0120980880	●	Nylon-Rope twisted, white	8,0	E	120
0120980080	●	Spleitex-Rope twisted, hemp coloured	8,0	E	120
0120980780	●	PP-Rope twisted, orange	8,0	E	120
0120980580	●	Sisal-Rope twisted, natural	8,0	E	120
0120980800	●	Nylon-Rope twisted, white	10,0	E	70
Row 6 (complete)					
0120980000	●	Spleitex-Rope twisted, hemp coloured	10,0	E	70
0120980700	●	PP-Rope twisted, orange	10,0	E	70
0120980500	●	Sisal-Rope twisted, natural	10,0	E	70
0120980781	●	PP-Rope twisted, orange/beige	8,0	E	120
0120980100	●	Sailing-Rope double braided, white/red	10,0	E	70

Recommended accessories are indicated by a △ on the pages 32–35

Rope Shop with Prepacked Ropes

The highest possible turnover with rope goods is most commonly reached with prepacked products. Therefore, Campbell® offers all bestsellers in skinpacked versions in baskets or on hasps.
In addition, Campbell® offers a assortment of tie-downs and lifting slings. These products are of the highest quality and are of certified production. All belts are branded with a quality mark and show the stamp of the manufacturer.
Starting with the smallest 250 kg ratchet tie-down for bicycles up to the 3 ton-belt for the professional constructor, Campbell® has everything to offer.

Rope Shop 1000 and 1250 with Prepacked Ropes
A complete rope shop consists of:

- **Display basket racks**
  The basket racks are delivered with seperate divisions for each individual product.

- **Hooks**
  Hooks for tie-downs, lifting-slings and hasps.

- **Metre rule**
  The metre rule is labelled with EAN-codes and code no. and have free space for price labels.

- **Display headers**
  The header can be fixed at the pegboard with adapters and special hooks and is available in different languages.



Rope Shop with Prepacked Ropes 1000

Shelves of ropes with prepacked ropes for merchandiser display with 1000 mm width, code-no. 0120983052.

- Natural ropes
- Universal ropes

Code No.	Description	Load limit	Width mm	Length m		First equipment
Row 1 (Campbell Tie Downs, 100% Polyester, DIN 60060), complete						
0120982000	Cam Buckle Tie Down, blue	250 kg	25	3	5	5
0120982001	Cam Buckle Tie Down, blue	250 kg	25	5	5	5
0120982010	Ratchet Tie Down, one-part, orange	500 kg	25	5	5	5
0120982011	Ratchet Tie Down & Hook, two-part, orange	500 kg	25	5	5	5
0120982020	Ratchet Tie Down, one-part, violet	2.000 kg	35	6	5	5
0120982021	Ratchet Tie Down & Hook, two-part, violet	2.000 kg	35	6	5	5
0120982030	Ratchet Tie Down, one-part, yellow	3.000 kg	50	8	2	2
0120982031	Ratchet Tie Down & Hook, two-part, yellow	3.000 kg	50	8	2	2

Code No.		Description	Diameter mm	Length m			First equipment
Row 2 (prepacked rope hasps), complete							
0120986820	●	Braided Nylon Twine, white	2,5	20	Hasp	5	5
0120986830	●	Braided Nylon Twine, white	3,5	20	Hasp	5	5
0120986900	●	PP-Blocking Tape 80 mm, red/white	–	25	Hasp	5	5
0120986901	●	PP-Blocking Tape 80 mm, red/white	–	50	Hasp	5	5
0120986760	●	PP-Rope twisted, orange	6,0	20	Hasp	5	5
Row 3 (prepacked rope hasps), complete							
0120986560	●	Sisal-Rope twisted, natural	6,0	20	Hasp	5	5
0120986580	●	Sisal-Rope twisted, natural	8,0	10	Hasp	5	5
0120986660	●	PP-Rope braided, blue/red	6,0	20	Hasp	5	5
0120986860	●	PA-Rope twisted, white	6,0	20	Hasp	5	5
0120986880	●	PA-Rope twisted, white	8,0	10	Hasp	5	5
Row 4 (prepacked ropes in display basket racks/6 cases), complete							
0120988842	●	Poly Laundry Twine (Fibre Filling)	4,0	30	Skein	10	20
0120989300	●	Poly Laundry Twine (Steel Core)	4,0	20	Ring	5	10
0120989301	●	Poly Laundry Twine (Steel Core)	4,0	30	Ring	5	10
0120987801	●	Twinny-Twine (2 Balls)	2,0/1,0	10/30	Ball	10	20
0120987410	●	Hemp-Twine 50 g	0,9	35	Ball	10	40
0120987800	●	Poly Packing Twine, assorted colours	1,0	80	Ball	10	40
Row 5 (prepacked ropes in display basket racks/4 cases), complete							
0120988781	●	PP-All Purpose Rope, orange	8,0	20	Skein	5	10
0120988160	●	PP-Boat Rope, twisted & Snaphook, orange	6,0	8	Skein	5	15
0120987411	●	Cotton Twine, white	1,2	135	Ball	10	10
0120988840	●	Universal Rope, white	4,8	15	Skein	10	30
Row 6 (prepacked ropes in display basket racks/3 cases), complete							
0120988850	●	Synthetic Laundry Twine & 1 Loup	5,0	20	Skein	10	20
0120988851	●	Synthetic Laundry Twine & 1 Loup	5,0	30	Skein	10	20
0120988580	●	Sisal Rope twisted	8,0	15	Skein	5	20
Row 7 (prepacked ropes in display basket racks/3 cases), complete							
0120988780	●	All Purpose Rope, orange	8,0	25	Skein	5	5
0120988700	●	All Purpose Rope, orange	10,0	25	Skein	5	5
0120988704	●	PP-Rope twisted, black/white & Snaphook	14,0	10	Skein	5	5

Campbell®

Rope Shop with Prepacked Ropes 1250

Shelves of ropes with prepacked ropes for merchandiser display with 1250 mm width, code no. 0120983053.

- Natural ropes
- Universal ropes

Code No.	Description	Load limit	Width mm	Length m		First equipment
Row 1 (Campbell Tie & Lift 100% Polyester Belts,Tie Downs DIN 60060 & Sling DIN 61360), complete						
0120982000	Cam Buckle Tie Down, blue	250 kg	25	3	5	5
0120982001	Cam Buckle Tie Down, blue	250 kg	25	5	5	5
0120982010	Ratchet Tie Down, one-part, orange	500 kg	25	5	5	5
0120982011	Ratchet Tie Down & Hook, two-part, orange	500 kg	25	5	5	5
0120982020	Ratchet Tie Down, one-part, violet	2.000 kg	35	6	5	5
0120982021	Ratchet Tie Down & Hook, two-part, violet	2.000 kg	35	6	5	5
0120982030	Ratchet Tie Down, one-part, yellow	3.000 kg	50	8	2	2
0120982031	Ratchet Tie Down & Hook, two-part, yellow	3.000 kg	50	8	2	2
0120982050	Round Sling, violet	1.000 kg	–	3	5	5

Code No.		Description	Diameter mm	Length m			First equipment
Row 2 (prepacked rope hasps), complete							
0120986820	●	Braided Nylon Twine, white	2,5	20	Hasp	5	5
0120986830	●	Braided Nylon Twine, white	3,5	20	Hasp	5	5
0120986900	●	PP-Blocking Tape 80 mm, red/white	–	25	Hasp	5	5
0120986901	●	PP-Blocking Tape 80 mm, red/white	–	50	Hasp	5	5
0120986760	●	PP-Rope twisted, orange	6,0	20	Hasp	5	5
Row 3 (prepacked rope hasps), complete							
0120986560	●	Sisal Rope twisted, natural	6,0	20	Hasp	5	5
0120986580	●	Sisal Rope twisted, natural	8,0	10	Hasp	5	5
0120986660	●	PP-Rope braided, blue/red	6,0	20	Hasp	5	5
0120986860	●	PA-Rope twisted, white	6,0	20	Hasp	5	5
0120986880	●	PA-Rope twisted, white	8,0	10	Hasp	5	5
Row 4 (prepacked ropes in display basket racks/6 cases), complete							
0120988840	●	Universal Rope, white	4,8	15	Skein	10	30
0120987800	●	Poly Packing Twine, assorted colours	1,0	80	Ball	10	40
0120987801	●	Twinny-Twine (2 Balls)	2,0/1,0	10/30	Ball	10	20
0120987410	●	Hemp-Twine, 50 g	0,9	35	Ball	10	40
0120988740	●	All Purpose Rope, assorted colours	4,0	9	Skein	10	50
0120987411	●	Cotton Twine, white	1,2	135	Ball	10	10
Row 5 (prepacked ropes in display basket racks/4 cases), complete							
0120988841	●	Poly Laundry Twine (Fibre Filling)	4,0	20	Skein	10	20
0120988842	●	Poly Laundry Twine (Fibre Filling)	4,0	30	Skein	10	20
0120989500	●	Sisal Rope	10,0	10	Ring	10	10
0120989300	●	Poly Laundry Twine (Steel Core)	4,0	20	Ring	5	10
0120989301	●	Poly Laundry Twine (Steel Core)	4,0	30	Ring	5	10
Row 6 (prepacked ropes in display basket racks/4 cases), complete							
0120988850	●	Synthetic Laundry Twine & 1 Hook	5,0	20	Skein	10	20
0120988851	●	Synthetic Laundry Twine & 1 Hook	5,0	30	Skein	10	20
0120988580	●	Sisal Rope twisted	8,0	15	Skein	5	20
0120988780	●	All Purpose Rope, orange	8,0	25	Skein	5	5
Row 7 (prepacked ropes in display basket racks/4 cases), complete							
0120988160	●	PP-Boat Rope, twisted & Snaphook, orange	6,0	8	Skein	5	15
0120988781	●	PP-All Purpose Rope, orange	8,0	20	Skein	5	10
0120988700	●	PP-All Purpose Rope, orange	10,0	25	Skein	5	5
0120988704	●	PP-Rope twisted, black /white	14,0	10	Skein	5	5

Free-Standing Chain and Rope Displays

The new free-standing chain and rope displays from Campbell® ensures the maximum amount of products shown in the minimum amount of space.

The displays feature:

- Display header with colour code in different languages.
- Tray-system without need for axles – chain dispensing is easy, as its reel replacement when re-stocking is required.
- Built-in metric rule.
- Colored labels.
- Built-in chain cutter and/or rope cutting heat gun.
- Size: Width 700 mm, Height 2250 mm, Depth 600 mm.

Campbell® Chain Display
Free-Standing Type 670



Campbell® Rope Display
Free-Standing Type 670



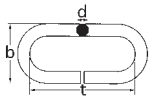
Campbell® Chain & Rope Display
Free-Standing Type 670



Campbell®

Chain Display “Type 670”

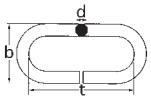
- inside use
- outside use
- stainless steel



Code No.		Description	d x t x b / mm	Reel-Type	m per Reel
Row 1 (complete)					
0120711017	●	Deco Chain round, brass plated	2,0 x 15 x 10	B	50
0120711077	●	Deco Chain round, black	2,0 x 15 x 10	B	50
0120717277	●	Deco Chain twisted, black	3,5 x 37 x 20	B	20
0120717297	●	Deco Chain twisted, burnished	3,5 x 37 x 20	B	20
0120713217	●	Deco Chain chathedral, brass plated	2,8 x 39 x 20	B	20
0120713277	●	Deco Chain chathedral, black	2,8 x 39 x 20	B	20
Row 2 (complete)					
0120711027	●	Deco Chain round, nickel plated	2,0 x 15 x 10	B	50
0120711087	●	Deco Chain round, white	2,0 x 15 x 10	B	50
0120714017	●	Deco Chain squared, brass plated	2,0 x 16 x 9	B	50
0120714077	●	Deco Chain squared, black	2,0 x 16 x 9	B	50
0120715017	●	Deco Chain squared, brass plated	3,0 x 29 x 14	B	20
0120715077	●	Deco Chain squared, black	3,0 x 29 x 14	B	20
Row 3A (complete)					
0120711927	●	Forcat Chain, nickel plated	1,1 x 5 x 5	A	25
0120719017	●	Gourmette Chain, brass plated	1,5 x 4 x 5	A	25
0120719027	●	Gourmette Chain, nickel plated	1,5 x 4 x 5	A	25
0120712027	●	Twist Link Chain, nickel plated	2,0 x 8 x 7	A	15
0120712517	●	Twist Link Chain, brass plated	2,5 x 7 x 9	A	10
0120712527	●	Twist Link Chain, nickel plated	2,5 x 7 x 9	A	10
0120710767	●	Clock Chain, Inox, stainless steel	1,6 x 8 x 6	A	25
Row 3B (complete)					
0120710527	●	Clock Chain, nickel plated	1,3 x 7,5 x 6	A	25
0120710717	●	Clock Chain, brass plated	1,6 x 8 x 6	A	25
0120710727	●	Clock Chain, nickel plated	1,6 x 8 x 6	A	25
0120710737	●	Clock Chain, lead coloured	1,6 x 8 x 6	A	25
0120710747	●	Clock Chain, white	1,6 x 8 x 6	A	25
0120713627	●	Ball Chain, nickel plated	d = 3,6	A	25
0120710227	●	Sash chain, nickel plated	0,4 x 12,5 x 5	A	50
Row 4 (complete)					
0120710524	●	Victor Chain, el. galvanized	1,6 x 23 x 7	B	60
0120710124	●	Victor Chain, el. galvanized	2,5 x 35 x 11	B	30
0120712034	●	Victor Chain, el. galvanized	3,1 x 41 x 14	B	20
0120710284	●	Victor Chain, white epoxy coated	2,2 x 31 x 10	B	30
0120313027	●	A-Link Chain, el. galvanized & blue chromed	2,0 x 12 x 8	B	60
0120193007	●	C-Link Chain, Inox, stainless steel	3,0 x 26 x 12	B	25
Row 5 (complete)					
0120333007	●	C-Link Chain, el. galvanized & blue chromed	3,0 x 26 x 12	C	60
0120335007	●	C-Link Chain, el. galvanized & blue chromed	5,0 x 35 x 20	C	32
Row 6 (complete)					
0120313047	●	A-Link-Chain, el. galvanized & blue chromed	4,0 x 19 x 16	C	50
0120313067	●	A-Link-Chain, el. galvanized & blue chromed	6,0 x 24 x 24	C	35
Row 7 (complete)					
0120993007	●	Plastic Chain, red/white	6,0 x 40 x 22	C	25
0120998007	●	Plastic Chain, black	10,0 x 61 x 33	C	12,5

Chain and Rope Display “Type 670”

- Natural ropes
- Universal ropes
- inside use
- outside use
- stainless steel



Code No.		Description	d x t x b / mm	Reel-Type	m per Reel
Row 1 (complete)					
0120980660	●	Braided Rope, white	d = 6,0	D	100
0120980800	●	Nylon Rope, white	d = 10,0	E	70
0120980560	●	Sisal Rope, natural	d = 6,0	D	60
0120980500	●	Sisal Rope, natural	d = 10,0	E	70
Row 2 (complete)					
0120981620	●	Wire Rope, PVC coated	d = 2,0/3,0	D	153
0120981520	●	Wire Rope, el. galvanized	d = 2,0	D	153
0120981530	●	Wire Rope, el. galvanized	d = 3,0	D	153
0120980761	●	PP-Rope, orange	d = 6,0	D	60
0120980700	●	PP-Rope, orange	d = 10,0	E	70
Row 3A (complete)					
0120711927	●	Forcat Chain, nickel plated	1,1 x 5 x 5	A	25
0120719017	●	Gourmette Chain, brass plated	1,5 x 4 x 5	A	25
0120719027	●	Gourmette Chain, nickel plated	1,5 x 4 x 5	A	25
0120712027	●	Twist Link Chain, nickel plated	2,0 x 8 x 7	A	15
0120712517	●	Twist Link Chain, brass plated	2,5 x 7 x 9	A	10
0120712527	●	Twist Link Chain, nickel plated	2,5 x 7 x 9	A	10
0120710767	●	Clock Chain, Inox, stainless steel	1,6 x 8 x 6	A	25
Row 3B (complete)					
0120710527	●	Clock Chain, nickel plated	1,3 x 7,5 x 6	A	25
0120710717	●	Clock Chain, brass plated	1,6 x 8 x 6	A	25
0120710727	●	Clock Chain, nickel plated	1,6 x 8 x 6	A	25
0120710737	●	Clock Chain, lead colour	1,6 x 8 x 6	A	25
0120710747	●	Clock Chain, white	1,6 x 8 x 6	A	25
0120713627	●	Ball Chain, nickel plated	d = 3,6	A	25
0120710227	●	Sash chain, nickel plated	0,4 x 12,5 x 5	A	50
Row 4 (complete)					
0120715017	●	Deco Chain, squared, brass plated	3,0 x 29 x 14	B	20
0120715077	●	Deco Chain, squared, black	3,0 x 29 x 14	B	20
0120713297	●	Deco Chain, cathidral, burnished	2,8 x 39 x 20	B	20
0120711017	●	Deco Chain, round, brass plated	2,0 x 15 x 10	B	50
0120711077	●	Deco Chain, round, black	2,0 x 15 x 10	B	50
0120711087	●	Deco Chain, round, white epoxy coated	2,0 x 15 x 10	B	50
Row 5 (complete)					
0120333007	●	C-Link Chain, galvanized & blue chromed	3,0 x 26 x 12	C	60
0120710324	●	Victor Chain, galvanized & blue chromed	2,0 x 28 x 9	B	50
0120313027	●	A-Link Chain, galvanized & blue chromed	2,0 x 12 x 8	B	60
0120193007	●	C-Link Chain, Inox, stainless steel	3,0 x 26 x 12	B	25
Row 6 (complete)					
0120313047	●	A-Link-Chain, galvanized & blue chromed	4,0 x 19 x 16	C	50
0120335007	●	C-Link Chain, galvanized & blue chromed	5,0 x 35 x 20	C	32
Row 7 (complete)					
0120993007	●	Plastic Chain, Polyethylene, red/white	6,0 x 40 x 22	C	25
0120998007	●	Plastic Chain, Polyethylene, black	10,0 x 61 x 33	C	12,5

Campbell®

Rope Display “Type 670”

- Natural ropes
- Universal ropes

Code No.		Description	Diameter mm	Reel Type	m per Reel
Row 1 (complete)					
0120980630	●	Braided Twine PP-multifil, white	3,0	D	450
0120980631	●	Braided Twine PP-multifil, yellow	3,0	D	450
0120980634	●	Braided Twine PP-multifil, red	3,0	D	450
0120980637	●	Braided Twine PP-multifil, blue	3,0	D	450
0120980639	●	Braided Twine PP-multifil, black	3,0	D	450
0120980220	●	Jalousie Twine, 16 x braided, white	2,2	D	500
Row 2 (complete)					
0120980640	●	Braided Rope PP-multifil, white	4,0	D	180
0120980650	●	Braided Rope PP-multifil, white	5,0	D	120
0120980660	●	Braided Rope PP-multifil, white	6,0	D	100
0120980666	●	Braided Rope PP-multifil, blue	6,0	D	100
0120980761	●	PP-Rope twisted, orange	6,0	D	60
0120980860	●	Nylon Rope twisted, white	6,0	D	60
Row 3 (complete)					
0120980560	●	Sisal Rope twisted, natural	6,0	D	60
0120981520	●	Wire Rope, el. galvanized	2,0	D	153
0120981530	●	Wire Rope, el. galvanized	3,0	D	153
0120981540	●	Wire Rope, el. galvanized	4,0	D	100
0120981620	●	Wire Rope, el. galvanized, PVC coated	2,0/3,0	D	153
0120981630	●	Wire Rope, el. galvanized, PVC coated	3,0/4,5	D	76
Row 4 (complete)					
0120980682	●	Braided Rope PP-multifil, red	8,0	E	120
0120980686	●	Braided Rope PP-multifil, red/green	8,0	E	120
0120980060	●	Spleitex-Rope twisted, hemp coloured	6,0	D	60
0120980665	●	Braided Rope PP-multifil, green	6,0	D	100
Row 5 (complete)					
0120980780	●	PP-Rope twisted, orange	8,0	E	120
0120980800	●	Nylon-Rope twisted, white	10,0	E	70
0120980662	●	Braided Rope PP-multifil, red	6,0	D	100
0120980661	●	Braided Rope PP-multifil, yellow	6,0	D	100
Row 6 (complete)					
0120980500	●	Sisal Rope twisted, natural	10,0	E	70
0120980700	●	PP-Rope twisted, orange	10,0	E	70
0120980638	●	Braided PP-multifil Twine, brown	3,0	D	450
0120980632	●	Braided PP-multifil Twine, orange	3,0	D	450

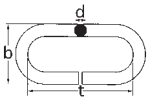
Chain Display “ECD 1”



Display Stand ECD 1, Code No. 0120000010,
including header Code No. 0055681210

Width: 410 mm
Depth: 510 mm
Height: 1730 mm (including header)

- inside use
- outside use
- stainless steel

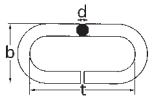


Code No.		Description	d x t x b / mm	Reel-Type	m per Reel
Assortment CAMDIS 1					
0120711024	●	Victor-Chain, el. galvanized & blue chromed	2,8 x 39 x 12,5	B	30
0120712034	●	Victor-Chain, el. galvanized & blue chromed	3,1 x 41 x 14	B	20
0120332007	●	C-Link Chain, el. galvanized & blue chromed	2,0 x 22 x 8	B	60
0120334007	●	C-Link Chain, el. galvanized & blue chromed	4,0 x 32 x 16	C	58
0120335007	●	C-Link Chain, el. galvanized & blue chromed	5,0 x 35 x 20	C	32
0120336007	●	C-Link Chain, el. galvanized & blue chromed	6,0 x 42 x 24	C	28
0120337007	●	C-Link Chain, el. galvanized & blue chromed	7,0 x 48 x 28	C	26
7508795		Chain Cutter			
Assortment CAMDIS 2					
0120313037	●	A-Link Chain, el. galvanized & blue chromed	3,0 x 16 x 12	C	100
0120313047	●	A-Link Chain, el. galvanized & blue chromed	4,0 x 19 x 16	C	50
0120313057	●	A-Link Chain, el. galvanized & blue chromed	5,0 x 21 x 20	C	35
0120313067	●	A-Link Chain, el. galvanized & blue chromed	6,0 x 24 x 24	C	35
0120313087	●	A-Link Chain, el. galvanized & blue chromed	8,0 x 32 x 32	C	20
0120313087	●	A-Link Chain, el. galvanized & blue chromed	8,0 x 32 x 32	C	20
7509195		Ratchet Chain Cutter			
Assortment CAMDIS 3					
0120336007	●	C-Link Chain, el. galvanized & blue chromed	6,0 x 42 x 24	C	28
0120337007	●	C-Link Chain, el. galvanized & blue chromed	7,0 x 48 x 28	C	26
0120338007	●	C-Link Chain, el. galvanized & blue chromed	8,0 x 52 x 32	C	20
0120313067	●	A-Link Chain, el. galvanized & blue chromed	6,0 x 24 x 24	C	35
0120313087	●	A-Link Chain, el. galvanized & blue chromed	8,0 x 32 x 32	C	20
0120313087	●	A-Link Chain, el. galvanized & blue chromed	8,0 x 32 x 32	C	20
7509195		Ratchet Chain Cutter			
Assortment CAMDIS 4					
0120333007	●	C-Link Chain, el. galvanized & blue chromed	3,0 x 26 x 12	C	60
0120313057	●	A-Link Chain, el. galvanized & blue chromed	5,0 x 21 x 20	C	35
0120313067	●	A-Link Chain, el. galvanized & blue chromed	6,0 x 24 x 24	C	35
0120313087	●	A-Link Chain, el. galvanized & blue chromed	8,0 x 32 x 32	C	20
0120313087	●	A-Link Chain, el. galvanized & blue chromed	8,0 x 32 x 32	C	20
0120313107	●	A-Link Chain, el. galvanized & blue chromed	10,0 x 40 x 32	C	10
7509195		Ratchet Chain Cutter			

Campbell®

Assorted Chains

- inside use
- outside use
- stainless steel



Code No.		Description	d x t x b / mm	Reel-Type	m per Reel
Hobby-Chains					
0120711917	●	Forcat-Chain, brass plated	1,1 x 5 x 5	A	25
0120711927	●	Forcat-Chain, nickel plated	1,1 x 5 x 5	A	25
0120717017	●	Gourmette-Chain, brass plated	1,2 x 3,5 x 4	A	25
0120717027	●	Gourmette-Chain, nickel plated	1,2 x 3,5 x 4	A	25
0120719017	●	Gourmette-Chain, brass plated	1,5 x 4 x 5	A	25
0120719027	●	Gourmette-Chain, nickel plated	1,5 x 4 x 5	A	25
0120712017	●	Twist Link Chain, brass plated	2,0 x 8 x 7	A	15
0120712027	●	Twist Link Chain, nickel plated	2,0 x 8 x 7	A	15
0120712077	●	Twist Link Chain, black	2,0 x 8 x 7	A	15
0120712517	●	Twist Link Chain, brass plated	2,5 x 7 x 9	A	10
0120712527	●	Twist Link Chain, nickel plated	2,5 x 7 x 9	A	10
0120712577	●	Twist Link Chain, black	2,5 x 7 x 9	A	10
0120710317	●	Clock-Chain, brass plated	1,1 x 7 x 4,5	A	50
0120710327	●	Clock-Chain, nickel plated	1,1 x 7 x 4,5	A	50
0120710329	●	Clock-Chain, nickel plated	1,1 x 7 x 4,5	A	25
0120710377	●	Clock-Chain, black	1,1 x 7 x 4,5	A	50
0120710379	●	Clock-Chain, black	1,1 x 7 x 4,5	A	25
0120710387	●	Clock-Chain, lead coloured	1,1 x 7 x 4,5	A	50
0120710397	●	Clock-Chain, antique copper	1,1 x 7 x 4,5	A	50
0120710399	●	Clock-Chain, antique brass	1,1 x 7 x 4,5	A	25
0120710517	●	Clock-Chain, brass plated	1,3 x 7,5 x 5	A	25
0120710527	●	Clock-Chain, nickel plated	1,3 x 7,5 x 5	A	25
0120710717	●	Clock-Chain, brass plated	1,6 x 8 x 6	A	25
0120710727	●	Clock-Chain, nickel plated	1,6 x 8 x 6	A	25
0120710777	●	Clock-Chain, black	1,6 x 8 x 6	A	25
0120710737	●	Clock-Chain, lead coloured	1,6 x 8 x 6	A	25
0120710797	●	Clock-Chain, antique brass	1,6 x 8 x 6	A	25
0120710747	●	Clock-Chain, white epoxy coated	1,6 x 8 x 6	A	25
0120710757	●	Clock-Chain, solid brass	1,6 x 8 x 6	A	25
0120710767	●	Clock-Chain, Inox, stainless steel	1,6 x 8 x 6	A	25
0120711624	●	Jack Chain, el. galvanized & blue chromed	1,6	A	20
0120712024	●	Jack Chain, el. galvanized & blue chromed	2,0	A	15
Victor Chains DIN 5686					
0120710624	●	Victor Chain, el. galvanized & blue chromed	1,4 x 20 x 6,5	B	90
0120710524	●	Victor Chain*, el. galvanized & blue chromed	1,6 x 23 x 7	B	60
0120710424	●	Victor Chain*, el. galvanized & blue chromed	1,8 x 26,5 x 8	B	50
0120710324	●	Victor Chain*, el. galvanized & blue chromed	2,0 x 28 x 9	B	50
0120710224	●	Victor Chain*, el. galvanized & blue chromed	2,2 x 31 x 10	B	30
0120710124	●	Victor Chain*, el. galvanized & blue chromed	2,5 x 35 x 11	B	30
0120711024	●	Victor Chain*, el. galvanized & blue chromed	2,8 x 39 x 12,5	B	30
0120712034	●	Victor Chain*, el. galvanized & blue chromed	3,1 x 41 x 14	B	20
0120713524	●	Victor Chain, el. galvanized & blue chromed	3,4 x 44 x 15,5	B	15
0120710284	●	Victor Chain, white epoxy coated	2,2 x 31 x 10	B	30
0120710294	●	Victor Chain, pink epoxy coated	2,2 x 31 x 10	B	30
0120710295	●	Victor Chain, turquoise epoxy coated	2,2 x 31 x 10	B	30
0120710494	●	Victor Chain, Inox, stainless steel	1,8 x 28 x 9	B	60

(*also available in 30 m bundles)


Forcat-Chain


Gourmette-Chain


Twist Link Chain


Clock-Chain


Jack Chain


Victor Chain

Assorted Chains



Sash-Chain



Ball-Chain



C-Link Chain



A-Link Chain



C-Link Chain



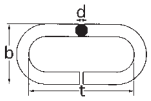
Calibrated Chain



Plastic Chain

● outside use

● stainless steel



Code No.		Description	d x t x b / mm	Reel-Type	m per Reel	working load limit kg **
Sanitary Chains						
0120710117	●	Sash-Chain, solid brass	0,3 x 10,5 x 4	A	50	–
0120710127	●	Sash-Chain, solid brass, nickel plated	0,3 x 10,5 x 4	A	50	–
0120710217	●	Sash-Chain, solid brass	0,4 x 12,5 x 5	A	50	–
0120710227	●	Sash-Chain, solid brass, nickel plated	0,4 x 12,5 x 5	A	50	–
0120713017	●	Sash-Chain, solid brass	0,5 x 19,5 x 7	A	25	–
0120713027	●	Sash-Chain, solid brass, nickel plated	0,5 x 19,5 x 7	A	25	–
0120712617	●	Ball-Chain, solid brass, nickel plated	2,5	A	100	–
0120713627	●	Ball-Chain, solid brass, nickel plated	3,6	A	25	–
0120713617	●	Ball-Chain, solid brass	4,5	A	25	–
Welded round link chains, form C long links, el. galvanized and blue chromed, DIN 5685						
0120332007	●	C-Link Chain*	2,0 x 22 x 8	B	60	30
0120333007	●	C-Link Chain*	3,0 x 26 x 12	C	60	70
0120334007	●	C-Link Chain*	4,0 x 32 x 16	C	58	125
0120335007	●	C-Link Chain*	5,0 x 35 x 20	C	32	195
0120336007	●	C-Link Chain*	6,0 x 42 x 24	C	28	290
0120337007	●	C-Link Chain*	7,0 x 48 x 28	C	26	375
0120338007	●	C-Link Chain*	8,0 x 52 x 32	C	20	500
Welded round link chains, form A short links, el. galvanized and blue chromed, DIN 5685						
0120313027	●	A-Link Chain*	2,0 x 12 x 8	B	60	30
0120313037	●	A-Link Chain*	3,0 x 16 x 12	C	100	70
0120313047	●	A-Link Chain*	4,0 x 19 x 16	C	50	125
0120313057	●	A-Link Chain*	5,0 x 21 x 20	C	35	195
0120313067	●	A-Link Chain*	6,0 x 24 x 24	C	35	290
0120313087	●	A-Link Chain*	8,0 x 32 x 32	C	20	500
0120313107	●	A-Link Chain	10,0 x 40 x 37	C	10	630
Welded round link chains, form C, stainless steel, Inox 316, DIN 5685						
0120192007	●	C-Link Chain, Inox	2,0 x 22 x 8	B	30	30
0120193007	●	C-Link Chain, Inox	3,0 x 26 x 12	B	25	70
0120194007	●	C-Link Chain, Inox	4,0 x 32 x 16	B	20	125
0120195007	●	C-Link Chain, Inox	5,0 x 35 x 20	B	15	195
Calibrated round link chains, el. galvanized and blue chromed, DIN 766						
0120147665	●	Calibrated Chain	5,0 x 18,5 x 17	C	40	250
Plastic Chains, Polyethylene						
0120992007	●	Plastic Chain*, yellow/black	6,0 x 40 x 22	C	25	–
0120993007	●	Plastic Chain*, red/white	6,0 x 40 x 22	C	25	–
0120994007	●	Plastic Chain, white	6,0 x 40 x 22	C	25	–
0120995007	●	Plastic Chain*, black	6,0 x 40 x 22	C	25	–
0120997007	●	Plastic Chain, copper coloured	6,0 x 40 x 22	C	25	–
0120991207	●	Plastic Chain, yellow/black	8.0 x 48 x 26	C	25	–
0120991807	●	Plastic Chain, red/white	8,0 x 48 x 26	C	25	–
0120998007	●	Plastic Chain, black	10,0 x 61 x 33	C	12,5	–
0120999007	●	Plastic Chain, copper coloured	10,0 x 61 x 33	C	12,5	–
0120991017	●	Plastic Chain, red/white	10,0 x 61 x 33	C	12,5	–

(*also available in 30 m bundles)

(*also available in 30 m bundles)

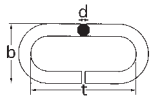
(*also available in poly bags, 25 m)

** Specifications on the working load limit only for A and C formed chains

Campbell®

Assorted Chains

- inside use
- outside use
- stainless steel



Code No.		Description	d x t x b / mm	Reel-Type	m per Reel
Round link chains form C long links					
0120996060	●	C-Link Chain, galvanized & red/white epoxy coated	6,0 x 42 x 24	C	25
Deco- and Lamp-Chains					
0120711017	●	Deco-Chain round, brass plated	2,0 x 15 x 10	B	50
0120711077	●	Deco-Chain round, black	2,0 x 15 x 10	B	50
0120711027	●	Deco-Chain round, nickel plated	2,0 x1 5 x 10	B	50
0120711097	●	Deco-Chain round, burnished	2,0 x 15 x 10	B	50
0120711087	●	Deco-Chain round, white epoxy coated	2,0 x 15 x 10	B	50
0120711317	●	Deco-Chain round, brass plated	2,8 x 19 x 15	B	30
0120711377	●	Deco-Chain round, black	2,8 x 19 x 15	B	30
0120711327	●	Deco-Chain round, nickel plated	2,8 x 19 x 15	B	30
0120711397	●	Deco-Chain round, burnished	2,8 x 19 x 15	B	30
0120711387	●	Deco-Chain round, white epoxy coated	2,8 x 19 x 15	B	30
0120711314	●	Deco-Chain round, solid brass	2,8 x 19 x 15	B	30
0120710097	●	Deco-Chain round, antique brass	2,8 x 19 x 15	B	30
0120714017	●	Deco-Chain squared, brass plated	2,0 x 16 x 9	B	50
0120714077	●	Deco-Chain squared, black	2,0 x 16 x 9	B	50
0120714097	●	Deco-Chain squared, burnished	2,0 x 16 x 9	B	50
0120715017	●	Deco-Chain squared, brass plated	3,0 x 29 x 14	B	20
0120715077	●	Deco-Chain squared, black	3,0 x 29 x 14	B	20
0120715097	●	Deco-Chain squared, burnished	3,0 x 29 x 14	B	20
0120715087	●	Deco-Chain squared, white epoxy coated	3,0 x 29 x 14	B	20
0120716077	●	Deco-Chain squared, black	4,0 x 29 x 17	B	20
0120717217	●	Deco-Chain squared, twisted, brass plated	3,5 x 37 x 20	B	20
0120717277	●	Deco-Chain squared, twisted, black	3,5 x 37 x 20	B	20
0120715297	●	Deco-Chain squared, twisted, antique brass	3,5 x 37 x 20	B	20
0120717297	●	Deco-Chain squared, twisted, burnished	3,5 x 37 x 20	B	20
0120713117	●	Deco-Chain cathedral, brass plated	2,2 x 24 x 15	B	30
0120713177	●	Deco-Chain cathedral, black	2,2 x 24 x 15	B	30
0120713197	●	Deco-Chain cathedral, burnished	2,2 x 24 x 15	B	30
0120713167	●	Deco-Chain cathedral, antique brass	2,2 x 24 x 15	B	20
0120713217	●	Deco-Chain cathedral, brass plated	2,8 x 39 x 20	B	20
0120713277	●	Deco-Chain cathedral, black	2,8 x 39 x 20	B	20
0120713297	●	Deco-Chain cathedral, burnished	2,8 x 39 x 20	B	20
0120713267	●	Deco-Chain cathedral, antique brass	2,8 x 39 x 20	B	20

Code No.	Description	d x Length	
Security Chains, round links, 60 HRC case hardened			
0122101506	Security Chain, el. galvanized, polycoated blue	5,0 x 600	5
0122101509	Security Chain, el. galvanized, polycoated blue	5,0 x 900	5
0122101512	Security Chain, el. galvanized, polycoated blue	5,0 x 1200	5
0122101709	Security Chain, el. galvanized, polycoated blue	7,0 x 900	5
0122101715	Security Chain, el. galvanized, polycoated blue	7,0 x 1500	2
0122102506	Top Security Chain with squared links, el. galvanized with poly sleeve	5,0 x 600	5
0122102709	Top Security Chain with squared links, el. galvanized with poly sleeve	7,0 x 900	5
0122102712	Top Security Chain with squared links, el. galvanized with poly sleeve	7,0 x 1200	5
0122102112	Top Security Chain with squared links, el. galvanized with poly sleeve	10,0 x 1200	2


C-Link Chain


Deco-Chain round


Deco-Chain squared


Deco-Chain twisted


Deco-Chain cathedral


Security Chain, round links


Top Security Chain with squared links

Chains in Bundles



Victor chain



C-link chain

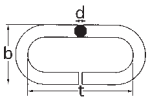


A-link chain



Plastic chain

● outside use
● stainless steel



Code No.		Description	d x t x b /mm	m per Bundle	working load limit kg **
Victor chains, el. galvanized and blue chromed, DIN 5686					
0120719524	●	Victor chain	1,6 x 23 x 7	30	–
0120719424	●	Victor chain	1,8 x 26,5 x 8	30	–
0120719324	●	Victor chain	2,0 x 28 x 9	30	–
0120719224	●	Victor chain	2,2 x 31 x 10	30	–
0120719124	●	Victor chain	2,5 x 35 x 11	30	–
0120719024	●	Victor chain	2,8 x 39 x 12,5	30	–
0120719034	●	Victor chain	3,1 x 41 x 14	30	–
Welded round link chains, form C long links, el. galvanized and blue chromed, DIN 5685					
0120332097	●	C-link chain	2,0 x 22 x 8	30	30
0120333097	●	C-link chain	3,0 x 26 x 12	30	70
0120334097	●	C-link chain	4,0 x 32 x 16	30	125
0120335097	●	C-link chain	5,0 x 35 x 20	30	195
0120336097	●	C-link chain	6,0 x 42 x 24	30	290
0120337097	●	C-link chain	7,0 x 48 x 28	30	375
0120338097	●	C-link chain	8,0 x 52 x 32	30	500
Welded round link chains, form A short links, el. galvanized and blue chromed, DIN 5685					
0120313927	●	A-link chain	2,0 x 12 x 8	30	30
0120313937	●	A-link chain	3,0 x 16 x 12	30	70
0120313947	●	A-link chain	4,0 x 19 x 16	30	125
0120313957	●	A-link chain	5,0 x 21 x 20	30	195
0120313967	●	A-link chain	6,0 x 24 x 24	30	290
0120313987	●	A-link chain	8,0 x 32 x 32	30	500
Plastic chains, Polyethylene					
0120992097	●	Plastic chain, yellow/black	6,0 x 40 x 22	25	–
0120993097	●	Plastic chain, red/white	6,0 x 40 x 22	25	–
0120995097	●	Plastic chain, black	6,0 x 40 x 22	25	–
Blocking chains					
0120996160	●	welded chain galvanized red/white	6,0 x 42 x 24	15	–
Welded round link chains, form C, straight, long links, fire galvanized, DIN 5685					
0120333197	●	C30 C-link chain	3,0 x 26 x 12	30	70
0120335197	●	C50 C-link chain	5,0 x 35 x 20	30	195
0120336197	●	C60 C-link chain	6,0 x 42 x 24	30	290
0120338197	●	C80 C-link chain	8,0 x 52 x 32	30	500
Welded round link chains, form C, straight, long links, INOX stainless steel, DIN 5685					
0120193107	●	C30 C-link chain	3,0 x 26 x 12	30	70
0120194107	●	C40 C-link chain	4,0 x 32 x 16	30	125
0120195107	●	C50 C-link chain	5,0 x 35 x 20	30	195
0120196107	●	C60 C-link chain	6,0 x 42 x 24	30	290
Welded round link chains, form A, straight, short links, fire galvanized					
0120314937	●	A-link chain	3,0 x 16 x 12	30	70
0120314947	●	A-link chain	4,0 x 19 x 16	30	125

** Specifications on the working load limit only for A and C formed chains

Campbell®

Assorted Ropes

● Natural ropes
● Universal ropes

Code No.		Description	Diameter mm	Reel-Type	m per Reel	working load limit kg
Sisal-Ropes						
0120980560	●	Sisal-Rope twisted, natural	6,0	D	60	–
0120980580	●	Sisal-Rope twisted, natural	8,0	E	120	–
0120980500	●	Sisal-Rope twisted, natural	10,0	E	70	–
Braided Twines						
0120980630	●	Braided Twine PP-multifil, white	3,0	D	450	60
0120980631	●	Braided Twine PP-multifil, yellow	3,0	D	450	60
0120980632	●	Braided Twine PP-multifil, orange	3,0	D	450	60
0120980633	●	Braided Twine PP-multifil, pink	3,0	D	450	60
0120980634	●	Braided Twine PP-multifil, red	3,0	D	450	60
0120980635	●	Braided Twine PP-multifil, mint	3,0	D	450	60
0120980636	●	Braided Twine PP-multifil, green	3,0	D	450	60
0120980637	●	Braided Twine PP-multifil, blue	3,0	D	450	60
0120980638	●	Braided Twine PP-multifil, brown	3,0	D	450	60
0120980639	●	Braided Twine PP-multifil, black	3,0	D	450	60
0120980640	●	Braided Rope PP-multifil, white	4,0	D	180	180
0120980650	●	Braided Rope PP-multifil, white	5,0	D	120	240
0120980660	●	Braided Rope PP-multifil, white	6,0	D	100	380
0120980661	●	Braided Rope PP-multifil, yellow	6,0	D	100	380
0120980662	●	Braided Rope PP-multifil, red	6,0	D	100	380
0120980663	●	Braided Rope PP-multifil, pink	6,0	D	100	380
0120980665	●	Braided Rope PP-multifil, green	6,0	D	100	380
0120980666	●	Braided Rope PP-multifil, blue	6,0	D	100	380
0120980680	●	Braided Rope PP-multifil, white	8,0	E	120	550
0120980681	●	Braided Rope PP-multifil, yellow	8.0	E	120	550
0120980682	●	Braided Rope PP-multifil, red	8.0	E	120	550
0120980683	●	Braided Rope PP-multifil, blue	8.0	E	120	550
0120980685	●	Braided Rope PP-multifil, mint	8,0	E	120	550
0120980686	●	Braided Rope PP-multifil, red/green	8.0	E	120	550
PP-Ropes						
0120980760	●	PP-Rope twisted, black/yellow/red	6,0	D	100	380
0120980761	●	PP-Rope twisted, orange	6,0	D	60	380
0120980780	●	PP-Rope twisted, orange	8,0	E	120	800
0120980700	●	PP-Rope twisted, orange	10,0	E	70	1350
0120980781	●	PP-Rope twisted, orange/beige	8,0	E	120	800
Nylon and Spleitex-Ropes						
0120980860	●	Nylon-Rope twisted, white	6,0	D	60	700
0120980880	●	Nylon-Rope twisted white	8,0	E	120	1100
0120980800	●	Nylon-Rope twisted, white	10,0	E	70	1700
0120980060	●	Spleitex-Rope twisted, hemp coloured	6,0	D	60	290
0120980080	●	Spleitex-Rope twisted, hemp coloured	8,0	E	120	510
0120980000	●	Spleitex-Rope twisted, hemp coloured	10,0	E	70	800
Sailing-Ropes						
0120980100	●	Sailing-Rope double braided, white/red	10.0	E	70	800
Jalousietwines						
0120980220	●	Jalousietwine, 16 x braided, white	2,2	D	500	120
0120980230	●	Jalousietwine, 16 x braided, white	3,0	D	300	150

Code No.		Description	Diameter mm	Reel-Type	m per Reel	min. breaking strength*
Wire-Ropes, according DIN EN 12385-4						
0120981520	●	Wire rope cable el. galvanized	2,0	D	153	2.35
0120981530	●	Wire rope cable el. galvanized	3,0	D	153	5.29
0120981540	●	Wire rope cable el. galvanized	4,0	D	100	9.41
0120981620	●	Wire rope cable el. galvanized PVC coated	2,0/3,0	D	153	2.35
0120981630	●	Wire rope cable el. galvanized PVC coated	3,0/4,5	D	100	5.29

* in Kilo Newton – kN; (10 Newton = 1 kg)


Sisal-Rope


Braided Twines & Ropes


PP-Rope


Nylon-Rope


Spleitex-Rope


Sailing-Rope


Jalousietwine


Wire-Rope

Assorted Prepacked Ropes



- Natural ropes
- Universal ropes

Code No.		Description	Diameter mm	Length m		
Hasps						
0120986820	●	Braided Nylon Twine, white	2,5	20	Hasp	5
0120986830	●	Braided Nylon Twine, white	3,5	20	Hasp	5
0120986900	●	Blocking Tape PP 80 mm, red/white	–	25	Hasp	5
0120986901	●	Blocking Tape PP 80 mm, red/white	–	50	Hasp	5
0120986760	●	PP-Rope twisted, orange	6,0	20	Hasp	5
0120986560	●	Sisal Rope twisted, natural	6,0	20	Hasp	5
0120986580	●	Sisal Rope twisted, natural	8,0	10	Hasp	5
0120986660	●	PP-Rope braided, blue/red	6,0	20	Hasp	5
0120986860	●	PA-Rope twisted, white	6,0	20	Hasp	5
0120986880	●	PA-Rope twisted, white	8,0	10	Hasp	5



Balls						
0120987800	●	Poly Packing Twine, assorted colours	1,0	80	Ball	10
0120987801	●	Twinny-Twine (2 Balls)	2,0/1,0	10/30	Ball	10
0120987410	●	Hemp-Twine 50 g	0,9	35	Ball	10
0120987411	●	Cotton Twine, white	1,2	135	Ball	10



Skeins						
0120988840	●	Universal Rope, white	4,8	15	Skein	10
0120988740	●	All Purpose Rope, assorted colours	4,0	9	Skein	10
0120988841	●	Poly Laundry Twine (Fibre Filling)	4,0	20	Skein	10
0120988842	●	Poly Laundry Twine (Fibre Filling)	4,0	30	Skein	10
0120988850	●	Synthetic Laundry Twine & 1 Hook	5,0	20	Skein	10
0120988851	●	Synthetic Laundry Twine & 1 Hook	5,0	30	Skein	10
0120988580	●	Sisal Rope twisted	8,0	15	Skein	5
0120988780	●	All Purpose Rope, orange	8,0	25	Skein	5
0120988160	●	PP-Boat Rope, twisted & Snaphook, orange	6,0	8	Skein	5
0120988781	●	All Purpose PP-Rope, orange	8,0	20	Skein	5
0120988700	●	All Purpose PP-Rope, orange	10,0	25	Skein	5
0120988704	●	PP-Rope twisted, black/white	14,0	10	Skein	5



Ring						
0120989500	●	Sisal rope	10,0	10	Ring	10
0120989300	●	Poly Laundry Twine (Steel Core)	4,0	20	Ring	5
0120989301	●	Poly Laundry Twine (Steel Core)	4,0	30	Ring	5

Tie & Lift 100% Polyester belts, Tie downs DIN 60060 / Slings DIN 61360

Code No.	Description	Load Limit kg	Width mm	Length m	
Tie down up to 250 kg (prepacked)					
0120982000	Cam Buckle Tie Down, blue (2 pcs.)	250	25	3	5
0120982001	Cam Buckle Tie Down, blue	250	25	5	5
Tie down up to 250 kg (bulk)					
0120982700	Cam Buckle Tie Down, blue	250	25	3	5
0120982701	Cam Buckle Tie Down, blue	250	25	5	5



Tie down up to 500 kg (prepacked)					
0120982010	Ratchet Tie Down, one part, orange	500	25	5	5
0120982011	Ratchet Tie Down & Hook, two part, orange	500	25	5	5
Tie down up to 500 kg (bulk)					
0120982710	Ratchet Tie Down, one part, orange	500	25	5	5
0120982711	Ratchet Tie Down & Hook, two part, orange	500	25	5	5



Tie down up to 2.000 kg (prepacked)					
0120982020	Ratchet Tie Down, one part, violet	2.000	35	6	5
0120982021	Ratchet Tie Down & Hook, two part, violet	2.000	35	6	5
Tie down up to 2.000 kg (bulk)					
0120982720	Ratchet Tie Down, one part, violet	2.000	35	6	5
0120982721	Ratchet Tie Down & Hook, two part, violet	2.000	35	6	5



Tie down up to 3.000 kg (prepacked)					
0120982030	Ratchet Tie Down, one part, yellow	3.000	50	8	2
0120982031	Ratchet Tie Down & Hook, two part, yellow	3.000	50	8	2
Tie down up to 3.000 kg (bulk)					
0120982730	Ratchet Tie Down, one part, yellow	3.000	50	8	2
0120982731	Ratchet Tie Down & Hook, two part, yellow	3.000	50	8	2



Code No.	Description	Capacity kg	Length m	
Round Slings up to 1.000 kg (prepacked)				
0120982050	Round Sling, violet	1.000	3	5
Round Slings up to 1.000 kg (bulk)				
0120982750	Round Sling, violet	1.000	3	5



Prepacked Accessories



Code No.	Description	Diameter mm	Pcs./Card	
Welded Rings (prepacked)				
0120983502 •△	Welded ring, round, el. galv., 25 mm	4,0	2	10
0120983503	Welded ring, round, el. galv., 40 mm	5,0	1	10

Code No.	Description	Diameter mm	Pcs./Polybag
Welded Rings (bulk)			
0120984502	Welded ring, round, el. galv., 25 mm	4,0	100
0120984503	Welded ring, round, el. galv., 40 mm	5,0	100



Code No.	Description	Diameter mm	Pcs./Card	
Rope shortening & Blocking (prepacked)				
0120983511 •△	Rope shortening & blocking, el. galvanized	5,4	1	10

Code No.	Description	Diameter mm	Pcs./Polybag
Rope shortening & Blocking (bulk)			
0120984511	Rope shortening & blocking, el. galvanized	5,4	100



Code No.	Description	Length mm	Pcs./Card	
Simplex Snap Hooks (prepacked)				
0120983524	Simplex snap hook, el. galvanized	30,0	2	10
0120983525 •△	Simplex snap hook, el. galvanized	40,0	2	10

Code No.	Description	Length mm	Pcs./Polybag
Simplex Snap Hooks (bulk)			
0120984524	Simplex snap hook, el. galvanized	30,0	100
0120984525	Simplex snap hook, el. galvanized	40,0	100



Code No.	Description	Diameter mm	Pcs./Card	
S-Hooks (prepacked)				
0120983540	S-Hook, el. galvanized	2,5	2	10
0120983541	S-Hook, el. galvanized	3,0	2	10
0120983542 •△	S-Hook, el. galvanized	4,0	2	10
0120983543	S-Hook, el. galvanized	5,0	2	10
0120983544	S-Hook, el. galvanized	6,0	2	10

Code No.	Description	Diameter mm	Pcs./Polybag
S-Hooks (bulk)			
0120984540	S-Hook, el. galvanized	2,5	100
0120984541	S-Hook, el. galvanized	3,0	100
0120984542	S-Hook, el. galvanized	4,0	100
0120984543	S-Hook, el. galvanized	5,0	100
0120984544	S-Hook, el. galvanized	6,0	100

• = Recommended accessories for 1000 mm shop / △ = Recommended accessories for 1250 mm shop

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Prepacked Accessories

Code No.	Description	Diameter mm	Pcs./Card	
Connecting Links (prepacked)				
0120983560	Connecting link, el. galvanized	3,5	2	5
0120983561	Connecting link, el. galvanized	4,0	2	5
0120983562	Connecting link, el. galvanized	5,0	2	5
0120983563	Connecting link, el. galvanized	6,0	2	5



Code No.	Description	Diameter mm	Pcs./Polybag
Connecting Links (bulk)			
0120984560	Connecting link, el. galvanized	3,5	100
0120984561	Connecting link, el. galvanized	4,0	100
0120984562	Connecting link, el. galvanized	5,0	100
0120984563	Connecting link, el. galvanized	6,0	100

Code No.	Description	Diameter mm	Pcs./Card	
Snap Hooks (prepacked)				
0120983581	Alu.-Snap hook & key ring, assorted colours	4,0	1	5
0120983582	Alu.-Snap hook & key ring, assorted colours	6,0	1	10



Code No.	Description	Diameter mm	Pcs./Polybag
Snap Hooks (bulk)			
0120984581	Alu.-Snap hook & key ring, assorted colours	4,5	25
0120984582	Alu.-Snap hook & key ring, assorted colours	6,0	25

Code No.	Description	Diameter mm	Pcs./Card	
Wire Rope Clips (prepacked)				
0120983590	Wire rope clips, el. galvanized	3,0	2	10
0120983591 •△	Wire rope clips, el. galvanized	5,0	2	10
0120983592	Wire rope clips, el. galvanized	6,0	2	10



Code No.	Description	Diameter mm	Pcs./Polybag
Wire Rope Clips (bulk)			
0120984590	Wire rope clips, el. galvanized	3,0	100
0120984591	Wire rope clips, el. galvanized	5,0	100
0120984592	Wire rope clips, el. galvanized	6,0	100

Code No.	Description	Diameter mm	Pcs./Card	
Single and Double Clamps (prepacked)				
0120983610	Simplex clamp, el. galvanized	3,0	2	10
0120983611	Simplex clamp, el. galvanized	5,0	2	10
0120983612	Duplex clamp, el. galvanized	3,0	2	10
0120983613	Duplex clamp, el. galvanized	5,0	1	10



Code No.	Description	Diameter mm	Pcs./Polybag
Single and Double Clamps (bulk)			
0120984610	Simplex clamp, el. galvanized	3,0	100
0120984611	Simplex clamp, el. galvanized	5,0	100
0120984612	Duplex clamp, el. galvanized	3,0	100
0120984613	Duplex clamp, el. galvanized	5,0	100



• = Recommended accessories for 1000 mm shop / △ = Recommended accessories for 1250 mm shop

Prepacked Accessories



Code No.	Description	Diameter mm	Pcs./Card	
Thimbles (prepacked)				
0120983631	Thimble, el. galvanized	4,5	2	10
0120983632 •△	Thimble, el. galvanized	5,5	2	10
0120983633	Thimble, el. galvanized	6,5	2	10
0120983634	Thimble, el. galvanized	9,0	1	10

Code No.	Description	Diameter mm	Pcs./Polybag
Thimbles (bulk)			
0120984631	Thimble, el. galvanized	4,5	100
0120984632	Thimble, el. galvanized	5,5	100
0120984633	Thimble, el. galvanized	6,5	100
0120984634	Thimble, el. galvanized	9,0	100



Code No.	Description	Diameter mm	Pcs./Card	
Quick Links (prepacked)				
0120983670	Quick link, el. galvanized	3,5	2	10
0120983671	Quick link, el. galvanized	4,0	2	10
0120983672	Quick link, el. galvanized	5,0	2	10
0120983673 •△	Quick link, el. galvanized	6,0	1	10
0120983674	Quick link, el. galvanized	8,0	1	5

Code No.	Description	Diameter mm	Pcs./Polybag
Quick Links (bulk)			
0120984670	Quick link, el. galvanized	3,5	50
0120984671	Quick link, el. galvanized	4,0	50
0120984672	Quick link, el. galvanized	5,0	50
0120984673	Quick link, el. galvanized	6,0	50
0120984674	Quick link, el. galvanized	8,0	25



Code No.	Description	Length mm	Pcs./Card	
Snap Hooks 'Zamak' (prepacked)				
0120983690	Snap hook 'Zamak', nickel plated	53,0	2	10
0120983691 △	Snap hook 'Zamak', nickel plated	75,0	1	10
0120983692	Snap hook 'Zamak', nickel plated	85,0	1	10
0120983710	Key snap hook 'Zamak', nickel plated	80,0	1	10

Code No.	Description	Length mm	Pcs./Polybag
Snap Hooks 'Zamak' (bulk)			
0120984690	Snap hook 'Zamak', nickel plated	53,0	50
0120984691	Snap hook 'Zamak', nickel plated	75,0	50
0120984692	Snap hook 'Zamak', nickel plated	85,0	50
0120984710	Key snap hook 'Zamak', nickel plated	80,0	50

• = Recommended accessories for 1000 mm shop / △ = Recommended accessories for 1250 mm shop

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Prepacked Accessories

Code No.	Description	Diameter mm	Pcs./Card	
Fire Brigade Snap Hooks (prepacked)				
0120983720	Fire brigade snap hook, el. galvanized	4,0	2	10
0120983721	Fire brigade snap hook, el. galvanized	5,0	1	10
0120983722 •△	Fire brigade snap hook, el. galvanized	6,0	1	10
0120983723	Fire brigade snap hook, el. galvanized	8,0	1	5

Code No.	Description	Diameter mm	Pcs./Polybag
Fire Brigade Snap Hooks (bulk)			
0120984720	Fire brigade snap hook, el. galvanized	4,0	100
0120984721	Fire brigade snap hook, el. galvanized	5,0	100
0120984722	Fire brigade snap hook, el. galvanized	6,0	100
0120984723	Fire brigade snap hook, el. galvanized	8,0	50



Code No.	Description	Diameter mm	Pcs./Card	
Shackles (prepacked)				
0120983740	Shackles, el. galvanized	5,0	2	10
0120983741 •△	Shackles, el. galvanized	6,0	2	10
0120983742	Shackles, el. galvanized	8,0	1	5
0120983743	Shackles, el. galvanized	10,0	1	5

Code No.	Description	Diameter mm	Pcs./Polybag
Shackles (bulk)			
0120984740	Shackles, el. galvanized	5,0	50
0120984741	Shackles, el. galvanized	6,0	50
0120984742	Shackles, el. galvanized	8,0	30
0120984743	Shackles, el. galvanized	10,0	30



Code No.	Description	Diameter mm	Pcs./Card	
Turnbuckles (prepacked)				
0120983760	Turnbuckle (eye & hook), el. galvanized	5,0	2	5
0120983761 △	Turnbuckle (eye & hook), el. galvanized	6,0	2	5

Code No.	Description	Diameter mm	Pcs./Polybag
Turnbuckles (bulk)			
0120984760	Turnbuckle (eye & hook), el. galvanized	5,0	50
0120984761	Turnbuckle (eye & hook), el. galvanized	6,0	50



• = Recommended accessories for 1000 mm shop / △ = Recommended accessories for 1250 mm shop

Prepacked Accessories



Code No.	Description	Diameter mm	Pcs./Card	
Plastic Connecting Links (prepacked)				
0120983780	Plastic connecting link, red/white	6,0	2	10
0120983781	Plastic connecting link, red	8,0	1	10
0120983782	Plastic connecting link, red	10,0	1	10
0120983784	Plastic hook, red/white	6,0	2	10
0120983785	Plastic S-Hook, red/white	6,0	1	10

Code No.	Description	Diameter mm	Pcs./Polybag
Plastic Connecting Links (bulk)			
0120984780	Plastic connecting link, red/white	6,0	50
0120984781	Plastic connecting link, red	8,0	50
0120984782	Plastic connecting link, red	10,0	50
0120984784	Plastic hook, red/white	6,0	50
0120984785	Plastic S-Hook, red/white	6,0	50



Code No.	Description	Diameter mm	Pcs./Card	
Rings (prepacked)				
0120983802	Ring unwelded, nickel plated	2,0	8	10
0120983805	Ring unwelded, nickel plated	2,5	4	10
0120983808	Ring unwelded, nickel plated	3,0	3	10
0120983812	Ring unwelded, nickel plated	4,0	2	10

Code No.	Description	Diameter mm	Pcs./Polybag
Rings (bulk)			
0120984802	Ring unwelded, nickel plated	2,0	100
0120984805	Ring unwelded, nickel plated	2,5	100
0120984808	Ring unwelded, nickel plated	3,0	100
0120984812	Ring unwelded, nickel plated	4,0	100

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Display Frame "Type 670"

Code No.	Width mm	Description
0120001007	670	Display Frame 670 free-standing

Display Trays

Code No.	Width mm	Description
0120001008	670	**Tray A 670** for 14 reels type A
0120001009	670	**Tray BCDE 670** for 6 reels type B or 2 reels type C or 1 reel type C and 3 reels type B or 2 reels type E and 2 reels type D or 1 reel type E and 4 reels type D or 6 reels type D
0120001000	1000	**Tray A 1000** for 22 reels type A
0120001001	1000	**Tray BCDE 1000** for 9 reels type B or 3 reels type C and 2 reels type B or 9 reels type D or 7 reels type D and 1 reel type E or 4 reels type E
0120001250	1250	**Tray A 1250** for 28 reels type A
0120001251	1250	**Tray BCDE 1250** for 11 reels type B or 3 reels type C and 2 reels type B or 12 reels type D or 7 reels type D and 2 reels type E or 5 reels type E



Display Baskets

Code No.	Width mm	Description
0120983000	1000	Basket rack 1000
0120983001	1250	Basket rack 1250
0120983005	–	Division for Basket



Display Header Chains



Code No.	Width mm	Description
(height 300 mm)		
0055681500	670 mm	French, Spanish, Italian, Dutch
0055681300	670 mm	German, English, Swedish, Finnish
0055625500	1000 mm	German, English, Swedish, Finnish
0055625600	1000 mm	French, Spanish, Italian, Dutch
0055625700	1250 mm	German, English, Swedish, Dutch
0055625800	1250 mm	French, Spanish, Italian, Portuguese
0055681210	410 mm	English

Display Header Ropes



Code No.	Width mm	Description
(height 300 mm)		
0055681600	670 mm	French, Spanish, Italian, Dutch
0055681400	670 mm	German, English, Swedish, Finnish
0055631200	1000 mm	German, English, Swedish, Dutch
0055631400	1000 mm	French, Spanish, Italian, Portuguese
0055631500	1250 mm	German, English, Swedish, Dutch
0055631300	1250 mm	French, Spanish, Italian, Portuguese

Display Header Chains & Ropes



Code No.	Width mm	Description
(height 300 mm)		
0055681200	670 mm	French, Spanish, Italian, Dutch
0055681100	670 mm	German, English, Swedish, Finnish

Accessories







Code No.	Description
Rope cutting	
0120983010	Shelf for rope cutting gun
0050208799	Rope cutting gun for PP-ropes
Chain cutting	
7508695	Lever chain cutter, maintenance free, up to diameter 6,0 mm
0055112099	Adapter for chain cutter
Cable cutting	
0139113101	Cable cutter up to diameter 0,5 mm with chain (1m)
0690TN	Cable cutter up to diameter 0,5 mm without chain

Hook for Display Header

Code No.	Description
0055627300	**Display hook for display header, for Shop 1000 and 1250** 3 pieces recommended
0055627200	**Adapter for display header hook, for Shop 1000 and 1250** 3 pieces recommended



Metre Rule & Polyfilm

Code No.	Description
0055624400	**Metre rule, for shop 670, 1000 and 1250** 1330 mm length, can be shortened
0055624500	**Polyfilm for metre rule, for shop 670, 1000 and 1250** 1330 mm length, transparent



Label Sets for Chain & Rope Shops

Code No.	Description
0120300001	Label Set for Chain Shop, German
0120300002	Label Set for Chain Shop, International
0120300003	Label Set for Rope Shop, German
0120300004	Label Set for Rope Shop, International

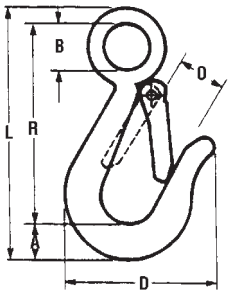
Reels

Code No.	Types of reels	Width x Length
0120983201	Type A for chains	90 x 90
0120983202	Type B for chains	110 x 200
0120983203	Type C for chains	325 x 200
0120983204	Type D for ropes	100 x 200
0120983205	Type E for ropes	220 x 200



Snap Hooks 478-G



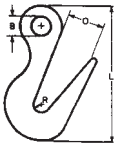


- Standard Material: Drop-forged carbon steel heat treated
- Standard Finish: Galvanized to ASTM A-153 specification
- Design Factor: 5 to 1

Hook Size A		Packed Each Code	Working Load Limit		Dimensions										Weight/ 100	
					B		D		L		O		R			
in.	mm	No.	lb	kg	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lb	kg
7/16	11	**4530735**	750	340	3/4	19	2 7/16	62	4 1/16	103	21/32	17	3 1/4	83	28	12
9/16	14	**4530935**	1000	454	1 1/8	29	2 31/32	75	5 1/32	128	1	25	4 1/32	102	45	20

Sorting Hooks 479-S





- Standard Material: Drop-forged alloy steel heat treated
- Standard Finish: Painted orange
- Design Factor: 5 to 1

Code No.	Working Load Limit				Dimensions								Weight/ 100	
	Tip		Bottom		B		L		R		O			
	ton	kg	ton	kg	in.	mm	in.	mm	in.	mm	in.	mm	lb	kg
3899500	2	1814	7 1/2	6804	1 3/8	35	9 3/4	248	5/8	16	2 13/16	71	600	272

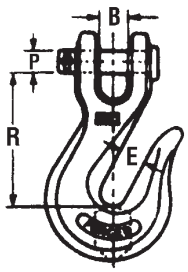
⚠ WARNING

To prevent the possibility of serious bodily injury:
- **DO NOT EXCEED** the working load limit.
- **DO NOT** shock or impact load.
- **DO NOT USE** if the fitting is visibly distorted or worn.

Campbell®

Clevis Grab Hooks 473

- Standard Material: Drop-forged carbon steel steel (system 3 & 4) or alloy steel.
- Standard Finish: System 3 & 4 hooks available with blue-Chrome or self-colored finish.
- S/C finish hooks are bulk packed, blue-chrome hooks are available packed 10 per box.
- Order unit is “Each”





473, System 3 & 4

Chain Size		Self-coloured (Bulk)	Blue-Chrome (10/Box)	Working Load Limit		Dimensions								Weight Each	
						B		E		P		R			
in.	mm	Code No.	Code No.	lb	kg	in.	mm	in.	mm	in.	mm	in.	mm	lb	kg
1/4	6	**4500405**	**4500424**	2600	1179	3/8	10	11/32	9	5/16	8	1 23/32	44	0,32	0,150
5/16	8	**4500505**	**4500524**	3900	1769	15/32	12	7/16	11	3/8	10	1 31/32	50	0,59	0,270
3/8	10	**4500605**	**4500624**	5400	2449	17/32	13	1/2	13	7/16	11	2 1/4	57	0,92	0,420
7/16	11	**4500705**	–	7200	3266	19/32	15	19/32	15	1/2	13	2 5/8	67	1,32	0,600
1/2	13	**4500805**	–	9200	4173	21/32	17	21/32	17	9/16	13	3 1/64	77	2,00	0,910
5/8	16	**4501005**	–	11500	5216	13/16	21	25/32	20	3/4	19	3 25/32	96	3,90	1,770

⚠ WARNING

To prevent the possibility of serious bodily injury:
- **DO NOT EXCEED** the working load limit.
- **DO NOT** shock or impact load.
- **DO NOT USE** if the fitting is visibly distorted or worn.

Latch Kits For Hooks

916-G Campbell Latch Kit
916-U Universal Latch Kit
READ AND UNDERSTAND THESE WARNINGS AND INSTRUCTIONS BEFORE USING HOOK AND LATCH.



916-G LATCH KIT FOR CAMPBELL HOOK



916-U UNIVERSALLATCH KIT – FOR ALL MAJOR HOOK BRANDS

⚠ WARNING

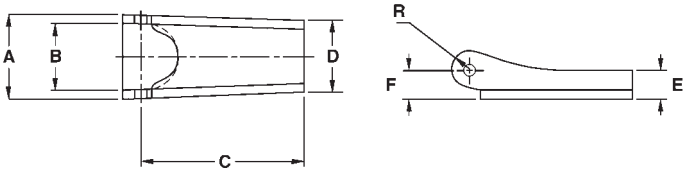
- **Failure to follow the Instructions For Use below an these warnings may cause death or serious injury.**
- **Loads may disengage from hook if proper procedures are not followed.**
- **A falling load may cause serious injury or death.**
- **The load must never be supported by the latch.**
- **Latches must always be inspected for wear or damage before use. If worn, distorted or damaged, discard and replace.**
- **Always stand clear of loads being lifted.**

IMPORTANT: Instructions For Use

1. *Always* inspect the hook and latch before using.
2. *Always* make sure the spring forces the latch against the point of the hook.
3. Check the load before lifting to make sure the hook (not the latch) is supporting the load.
4. To assemble latches on hooks, follow instructions supplied with latch kit.

Campbell offers latches already assembled to the hook as well as kits for field installation.

- Universal kits fit Campbell as well as competitive hooks, including Crosby and Midland, that are drilled for latches.
- Spring spacer adapts latch to hooks with narrow cam.
- Bolt and nut permit fast, easy installation.



Size in.	Size mm	Size No.	916-G kit Code No.	Universal kit Code No.	Dimensions A in.	A mm	B in.	B mm	C in.	C mm	D in.	D mm	E in.	E mm	F in.	F mm	R in.	R mm	Weight/ 100 lb	Weight/ 100 kg
1/4	6	2-22	3990101	3991401	23/32	18	9/16	14	1 1/4	32	5/8	16	1/4	6	1/4	6	5/32	4	3,3	1
5/16	8	3-23	3990201	3991402	23/32	18	9/16	14	1 3/8	39	39/64	16	1/4	6	1/4	6	5/32	4	3,7	2
–	–	4-24	3990301	3991403	15/16	24	25/32	20	1 17/32	43	15/16	24	9/32	7	9/32	7	3/16	5	5	2
3/8	10	5-25	3990401	3991404	15/16	24	25/32	20	1 11/16	43	15/16	24	9/32	7	9/32	7	3/16	5	5,6	3
–	–	6-26	3990501	–	15/16	24	25/32	20	1 31/32	50	15/16	24	9/32	7	9/32	7	3/16	5	6,2	3
–	–	7-27	3990601	3991405	15/16	24	25/32	20	1 7/8	48	15/16	24	9/32	7	9/32	7	3/16	5	6,5	3
7/16	11	8-28	3990701	–	1 9/32	32	1	25	2 3/8	60	1 9/32	32	3/8	10	9/16	14	17/64	7	12	5
1/2	13	9-29	3990801	3991406	1 9/32	32	1	25	2 11/16	68	1 9/32	32	3/8	10	9/16	14	17/64	7	16,5	7
–	–	10-30	3990901	–	1 9/32	32	1	25	2 31/32	75	1 9/32	32	3/8	10	9/16	14	17/64	7	18,2	8
5/8	16	11-31	3991001	3991407	1 9/32	32	1	25	3 7/32	82	1 9/32	32	3/8	10	9/16	14	17/64	7	36	16
–	–	12-32	3991101	3991408	2	51	1 17/32	39	3 7/16	87	1 5/8	41	9/16	14	23/32	18	3/8	10	52	24
–	–	34	–	3991409	2 3/16	56	1 3/4	45	4 11/32	110	1 3/4	45	9/16	14	11/16	18	13/32	10	70,7	32

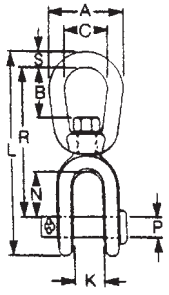
⚠ WARNING

To prevent the possibility of serious bodily injury:
- **DO NOT EXCEED** the working load limit.
- **DO NOT** shock or impact load.
- **DO NOT USE** if the fitting is visibly distorted or worn.

Campbell®

Jaw & Eye Swivels 275-G
Drop-Forged Carbon Steel – Galvanized

- Standard Material: Drop-forged carbon steel
- Standard Finish: Galvanized to ASTM A-153 specification
- Design Factor: 5 to 1
- Other Features: Meets Federal Specification RR-C-271 Type VII, Class 3





Size		Code	Working Load Limit		Dimensions																Weight/ 100	
					A		B		C		K		L		N		P		R			
in.	mm	No.	lb	kg	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lb	kg
1/4	6	**3640435**	850	386	1 1/4	32	3/4	19	3/4	19	1/2	13	3 5/32	80	3/4	19	1/4	6	2 7/16	62	21	10
5/16	8	**3640535**	1250	567	1 5/8	41	3/4	19	1	25	1/2	13	3 3/4	95	13/16	21	5/16	8	2 7/8	73	32	15
3/8	10	**3640635**	2250	1021	2	51	1	25	1 1/4	32	11/16	17	4 5/8	117	1 1/16	27	3/8	10	3 1/2	89	71	32
1/2	13	**3640835**	3600	1633	2 1/2	64	1 1/4	32	1 1/2	38	3/4	19	6 1/8	156	1 3/8	35	1/2	13	4 11/16	119	122	55
5/8	16	**3641035**	5200	2359	3	76	1 5/8	41	1 3/4	44	15/16	24	7 3/8	187	1 1/2	38	5/8	16	5 1/2	140	228	104
3/4	19	**3641235**	7200	3266	3 1/2	89	1 3/4	44	2	51	1 1/8	29	8	203	1 3/4	44	3/4	19	5 7/8	149	345	157
7/8	22	**3641435**	10000	4536	4	102	2 1/8	54	2 1/4	57	1 3/16	30	9 3/8	238	2 1/16	52	7/8	22	7	178	564	256
1	25	**3641635**	12500	5670	4 1/2	114	2 1/4	57	2 1/2	64	1 3/4	44	11 7/16	291	2 7/16	62	1 1/8	29	8 5/8	219	933	424
1 1/4	32	**3642035**	18000	8165	5 5/8	143	3 1/4	83	3 1/8	79	2 1/16	52	12	305	2 13/16	71	1 3/8	35	8 7/16	214	1651	750

⚠ WARNING

To prevent the possibility of serious bodily injury:
- **DO NOT EXCEED** the working load limit.
- **DO NOT** shock or impact load.
- **DO NOT USE** if the fitting is visibly distorted or worn.

Swaging Tool



- Uses: For swaging ferrules onto wire rope or cable.

Warning:
- **Do Not** use on coated cable.
- Follow assembly instructions.

Swaging Tools Description	Pkd	For Ferrules and Stops in.	mm	in.	mm	Code No.	Weight Each lb	kg
18" Swaging Tool	Bulk	1/16	1	3/16	5	**7679037**	6,0	3

Ferrules and Stops





Cable Ferrule and Stop

Warning; To prevent injury:
- **Do Not** use on coated cable. If used on coated cable, remove the coating from the assembly area.
- Follow assembly instructions.

Description	Material	Dimensions for Cable in.	mm	Code No.	Shelf Pack	Case Pack	Case Weight lb	kg
Cable Ferrules (2) and Stops (2)	Aluminum	1/16	1	**B7675304**	10	100	4	2
Cable Ferrules (2) and Stops (2)	Aluminum	3/32	2	**B7675314**	10	100	5	2
Cable Ferrules (2) and Stops (2)	Aluminum	1/8	3	**B7675324**	10	100	6	3
Cable Ferrules (2) and Stops (2)	Aluminum	3/16	5	**B7675344**	10	100	8	4
Cable Ferrules (2) and Stops (2)	Aluminum	1/4	6	**B7675354**	10	100	14	6

⚠ WARNING

To prevent the possibility of serious bodily injury:
- **DO NOT USE** for overhead lifting, to support human weight, for playground or athletic equipment, or as a safety device.
- **DO NOT USE** if visibly worn or distorted.

⚠ WARNING

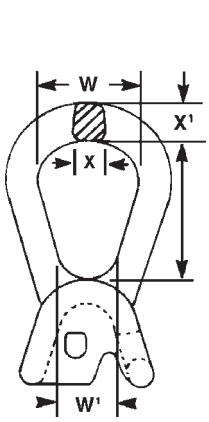
To prevent the possibility of serious bodily injury:
- **DO NOT EXCEED** the working load limit.
- **DO NOT** shock or impact load.
- **DO NOT USE** if the fitting is visibly distorted or worn.

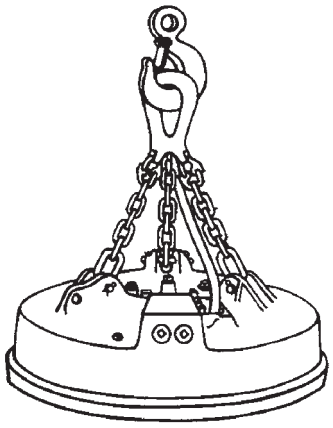
Campbell®

Magnet Chains (bell type)

The Campbell Magnet Bell

- Alloy casting with no moving parts.
- Designed for operational ease and long life.
- Supplied with Quik-Alloy® coupling links.
- Equally spaced legs.
- All legs operate without twist.
- Entire assembly is proof tested alloy steel.
- Bell stands upright when at rest.





Chain Size in.	Chain Size mm	Code No.	Magnet Diameter in.	Magnet Diameter mm	Standard Total Reach* in.	Standard Total Reach* mm	Length of Two Links in.	Length of Two Links mm	Approx. Wgt. of Assy. lb	Approx. Wgt. of Assy. kg	Approx. Wgt. of Bell Only lb	Approx. Wgt. of Bell Only kg	Assembly Working Load Limit lb	Assembly Working Load Limit kg
Bell Type														
3/4	20	**0431235**	39–44	991–1118	33 1/2	851	4 3/8	111	75	34	37	17	59.700	27.100
7/8	22	**0431435**	44–45	1118–1143	35 1/2	902	4 7/8	124	92	42	37	17	74.700	33.900
1	26	**0431635**	45–60	1143–1524	39 1/2	1003	5 5/8	143	137	62	60	27	100.600	45.700
1 1/4	32	**0432035**	60 & over	1524 & over	49 1/2	1257	7	178	281	127	124	56	149.400	67.800

Chain Size in.	Chain Size mm	Dimesions: Bell Dimensions X1 in.	X1 mm	X in.	X mm	W in.	W mm	L in.	L mm	W1 in.	W1 mm	End Link Dimensions: Diameter in.	Diameter mm	Inside Dimensions: Width in.	Width mm	Length in.	Length mm	Length of Two Links in.	Length of Two Links mm
Bell Type																			
3/4	20	2	51	2	51	4 1/4	108	7	178	3	76	7/8	22	2	51	6	152	4 3/8	111
7/8	22	2	51	2	51	4 1/4	108	7	178	3	76	1	25	2 1/8	54	6	152	4 7/8	124
1	26	2 3/4	70	2 1/4	57	5 3/16	132	8	203	3 1/2	89	1 1/8	29	2 1/4	57	6	152	5 5/8	143
1 1/4	32	2 1/2	64	2 1/2	64	7 1/2	191	11	279	6	152	1 1/2	38	2 5/8	67	7	178	7	178

* Reach shown is standard unless otherwise specified. If additional reach is required, add 2 link increments to each leg. Dimensions and weights are approximate.
These items are made to order.

⚠ WARNING

To prevent the possibility of serious bodily injury:
- **DO NOT EXCEED** the working load limits for chain or components.
- **DO NOT USE** if the chain or components are visibly distorted or worn.

Campbell Lifting Clamps

Campbell clamps are known and used throughout the world for lifting, conveying and positioning of sheet, plate, weldments and structurals. The heavier the load, the tighter they grip. Parts are drop forged for strength, dependability and long life, and all clamps are individually proof tested. Replacement parts are available when needed. If you have any doubts as to the clamp best suited to your application, contact your CooperTools salesman.

NOTICE: The product specifications and dimensions are as accurate as possible at the time of printing. However, because we are constantly improving the quality and design of our products, they can change without notice.

All Working Load Limits are expressed in Metric Tons.
1 Metric Ton = 2,204.6 lbs.

WARNING

1. **Do not exceed Working Load Limit stamped on Clamp body.**
2. **Inspect clamp before each lift.**
3. **Stand clear of load when lifting.**
4. **Position clamp to balance load.**
5. **Insert plate or unit to full depth of throat opening.**
6. **Lift slowly and smoothly. Do not jerk load.**
7. **Do not lift more than one plate or sheet at a time.**
8. **Do not use a damaged clamp.**
9. **Read manufacturer's instructions before using clamps.**
10. **Do not use any Campbell clamp to lift tapered plates or beams.**
11. **When lifting plates with a hardness over 43 Rockwell C/400 BRINELL, consult the clamp manufacturer.**
12. **Campbell clamps are designed to be used at temperatures between 0°F/–17°C and 200°F/93°C.**

Inspection, Maintenance & Repair

It is important to establish a regular procedure for clamp inspection. Frequency of inspection will depend upon the amount of use the clamp receives. Campbell clamps are built to withstand rough treatment, however, grit, dirt, sludge and mud should be removed. This may be done easily by immersing the entire clamp in a can of degreaser and leaving it there overnight. Also, periodic oiling of all pins and rivets will improve performance and help to extend the life of the clamp. You may wish to maintain a written record, indicating inspection dates, condition of the clamp on each of those dates, and any repairs made. Inspection records should be reviewed periodically.

Inspection Procedure

1. Cams — These are the parts likely to receive most wear. The amount of wear, of course, bears a direct relationship to the use the cam receives. Continued usage of plates of the same thickness will result in wear in only one area of the working surface of the cam, and will eventually require that the cam be replaced. The harder the plate is, the sooner the cam will be worn. A simple visual inspection of the cam is all that is required in most cases. The surfaces of the cam should be compared with unused surfaces. If teeth appear to be worn, the cam should be replaced.
Note: The Pad and Cam should be replaced at the same time.
2. Pads — The pads of "GX" and "E" clamps are held in with a bolt and can be replaced simply by removing the bolt. When the serrations of the pad seat are worn, the pad should be replaced.
Note: The Pad and Cam should be replaced at the same time.
3. Spread Jaw — Check the throat width of the clamp. At zero grip, the cam should be in full contact with the pad. If the width at the base (where the pad is located) is greater than the width at the top, the clamp has been overloaded and should be replaced.
Warning: Do not weld on the clamp body, as this may destroy the original heat treatment.
4. Linkage and Shackle Inspection — To remove the linkage from a "GX" clamp, remove the load pins from the body. The pins do not rotate, and under normal load do not require replacement. They should be inspected for bending, which is caused by overloads, and replaced as needed. Inspect the shackle for bending at the rivet, which is an indication of side pull. If this is a recurrent fault, use a chain connector on the clamp.
5. Rivet Inspection — Rivets may require replacement when a very loose connection is detected. Linkage should normally be free working. Should a rivet hole in the shackle, radius link or connecting link become stretched or enlarged (usually resulting from overloading), those parts should be replaced. It is advisable to replace the rivet as well. To replace any worn parts, drive rivets out over a relief opening, such as a small section of pipe or the opening in a vise.
Warning: Do not weld or substitute bolts for rivets. Check connecting links to ascertain that they are not bent.
6. Spring inspection — The spring should be of sufficient strength to hold the cam against the pad. If it is not, the spring should be replaced. In the case of the "E" clamp, the spring should be replaced if it fails to provide initial pressure at near zero grip.
7. Chains — Chains supplied with clamps should also be inspected carefully. To do this, use a Campbell wear gauge. Inspect chains link by link, checking for distorted, stretched or cracked links, nicks or gouges, pitted links and excessive wear of bearing surfaces and barrels.

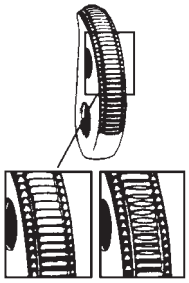
⚠ WARNING

- The clamps in this catalog are not intended to serve as a permanent connection to a plate or other object.
- The grip depends on friction and a camming action. If the gripping surfaces are not properly maintained and the clamp is improperly used, the load may fall.
- Use extreme caution where overhead lifting is involved or where a failure could cause property damage or personal injury.
- Read maintenance materials and use instructions.

Campbell®

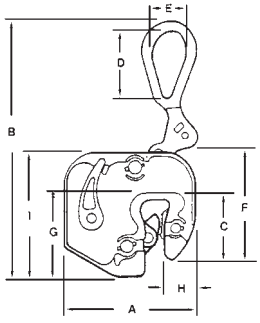
"GXL" Clamps

- Available in a 1/2, 1 and 2 ton capacity.
- Drop forged and heat treated components, with gripping surfaces of case hardened alloy steel.
- Exclusive feature is a patented wear indicator system. When any of cam's straight line, convex teeth are flattened between unique wear indicator grooves, it is time to change the cam.
- **Note: The Pad and Cam should be replaced at the same time.**
- Newly designed "Cam Engaging Lever" keeps the cam in contact with the plate. The tension arm and spring mechanism facilitate attaching and removing the clamp. These clamps will not lift plate when in the "lever open" position.
- Clamps are 100% Proof Tested and Certificate of Test supplied with each clamp.
- **Warning: Never tamper with a clamp's tension arm and spring mechanism during a lift.**





Code No.	Grip Range in.	Grip Range mm	Clamp Weight lb	Clamp Weight kg	Working Load Limit Metric Ton
6422012	1/16 - 5/8	2–16	5.5	2,500	1/2
6422001	1/16 - 3/4	2–16	8	3,630	1
6422002	1/16 - 7/8	2–23	10.5	4,770	2

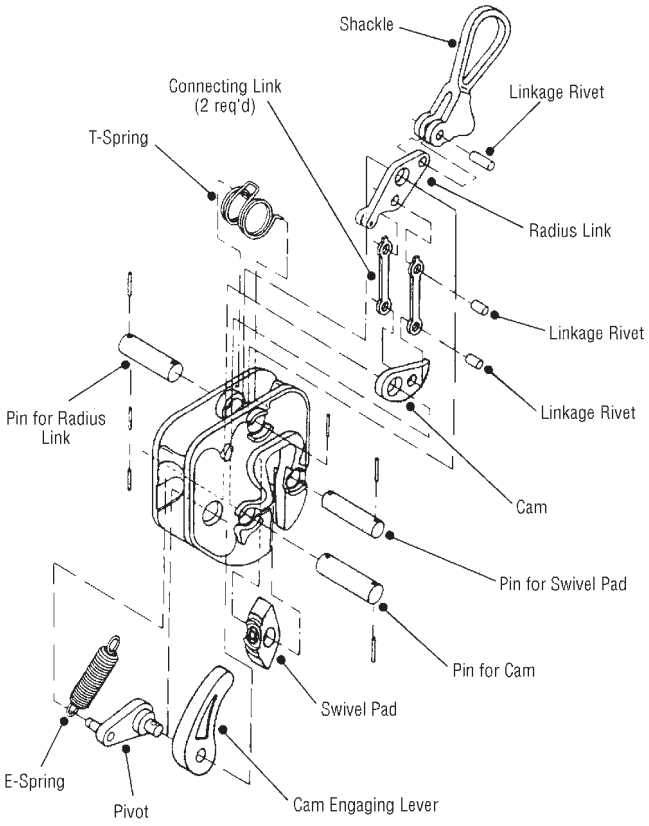


Code No.	Dimensions A in.	A mm	B in.	B mm	C in.	C mm	D in.	D mm	E in.	E mm	F in.	F mm	G in.	G mm	H in.	H mm	I in.	I mm
6422012	5 15/16	151	10	254	2 1/8	54	2 5/8	67	2	51	4	102	3 1/4	83	1 3/16	30	5 3/16	132
6422001	6 9/16	167	11 1/4	286	3 13/16	97	3 1/16	78	2 1/16	52	5	127	3 5/8	92	1 5/8	41	5 7/8	149
6422002	7 1/4	184	12 1/8	308	2 9/16	65	3 5/16	84	2 1/4	57	4 7/8	124	3 1/2	89	1 5/8	41	5 15/16	151

⚠ WARNING

- Select proper size clamp for the job.
- Determine the weight of the plate to be lifted.
- Do not exceed WLL (Working Load Limit) shown on clamp.
- Plate thickness must be within grip range shown on clamp.

Repair Kits for "GXL" Clamps





Shackle Kit components



Cam / Pad Kit components

Capacity	½ Ton	1 Ton	2 Ton
Description	**Code No.**	**Code No.**	**Code No.**
Shackle Kit Kit includes: 1 Shackle, 1 Radius Link, 1 T-Spring, 2 Connecting Links, 1 Radius Link Pin, 1 Pivot, 1 Lever, 1 E-Spring, 1 Drive Pin, 3 Linkage Rivets	**6506200**	**6506210**	**6506220**
Cam/Pad Kit Kit includes: 1 Cam, 1 Pad, 1 Cam Pin, 1 Pad Pin, 1 T-Spring, 1 E-Spring, 1 Rivet, 4 Sel-locs	**6506201**	**6506211**	**6506221**

⚠ WARNING

- Select proper size clamp for the job.
- Determine the weight of the plate to be lifted.
- Do not exceed WLL (Working Load Limit) shown on clamp.
- Plate thickness must be within grip range shown on clamp.

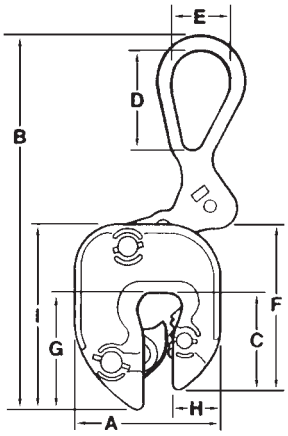
Campbell®

"GX" Clamps

- "GX" clamp is entirely drop forged and heat treated.
- Can be used for both vertical and horizontal-to-vertical lifting.
- Exclusive feature is a patented wear indicator system. When any of cam's straight line, convex teeth are flattened between unique wear indicator grooves, it is time to change the cam.
- Shackle and "G" link combined into one part for fewer stress points and less chance of side loading damage.
- 100% proof tested with certificate of test attached to each clamp.
- **Note: The Pad and Cam should be replaced at the same time.**
- Clamps are 100% Proof Tested and Certificate of Test supplied with each clamp.







Code No.	Grip Range in.	Grip Range mm	Clamp Weight lb	Clamp Weight kg	Working Load Limit Metric Ton
6423000	1/16 - 5/8	1 - 16	4	2	1/2
6423920	5/8 - 1 1/8	16 - 28	5	2	1/2
6423005	1/16 - 3/4	1 - 19	8	4	1
6423923	3/4 - 1 3/8	19 - 35	9	4	1
6423010	1/16 - 1	1 - 25	17	8	3
6423925	1 - 1 3/4	25 - 44	20	9	3
6423015	1/2 - 2	13 - 51	40	18	5

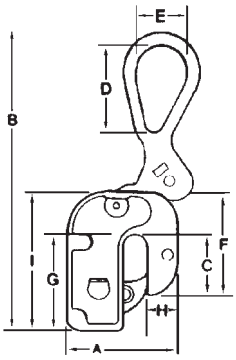
Code No.	Dimensions A in.	A mm	B in.	B mm	C in.	C mm	D in.	D mm	E in.	E mm	F in.	F mm	G in.	G mm	H in.	H mm	I in.	I mm
6423000	4	102	9 1/2	241	2 3/16	56	2 3/4	67	2	51	4 1/8	105	2 7/8	73	1 3/8	35	4 7/8	124
6423920	5	127	9 1/2	241	2 3/16	56	2 5/8	67	2	51	4 1/8	105	2 7/8	73	1 5/8	41	4 7/8	124
6423005	4 3/4	121	11 1/4	286	3 1/16	78	3 1/16	78	2 1/16	52	5 1/4	133	3 5/8	92	1 5/8	41	5 7/8	149
6423923	5 7/8	149	11 1/4	286	3 1/16	78	3 1/16	78	2 1/16	52	5 1/4	133	3 5/8	92	1 5/8	54	5 7/8	149
6423010	6	152	14	356	3 9/16	90	3 13/16	97	3	76	6 3/4	171	4 7/16	113	2	51	7 5/8	194
6423925	7 1/4	184	14	356	3 9/16	90	3 13/16	97	3	76	6 3/4	171	4 7/16	113	2 1/4	57	7 5/8	194
6423015	8 7/8	225	20	508	4 11/16	119	5	127	3 15/16	100	8 3/4	219	5 15/16	151	3 13/16	97	9 15/16	252

⚠ WARNING

- Select proper size clamp for the job.
- Determine the weight of the plate to be lifted.
- Do not exceed WLL (Working Load Limit) shown on clamp.
- Plate thickness must be within grip range shown on clamp.

Short Leg Structural “GX” Clamps





- Designed for a secure bite on small or odd shaped, wide flanged beams.
- Designed to be used with the short leg under the plate when lifting the plate from horizontal to vertical position.
- Replacement parts are same as for standard “GX” clamps.
- **Note: The Pad and Cam should be replaced at the same time.**
- Clamps are 100% Proof Tested and Certificate of Test supplied with each clamp.

Code No.	Grip Range in.	Grip Range mm	Clamp Weight lb	Clamp Weight kg	Working Load Limit Metric Ton
6423100	1/16–5/8	1–16	4	2	1/2
6423105	1/16–3/4	1–19	7	3	1
6423108	1/16–7/8	1–22	15	7	2
6423110	1/16–1	1–25	18	8	3

Code No.	Dimensions A in.	A mm	B in.	B mm	C in.	C mm	D in.	D mm	E in.	E mm	F in.	F mm	G in.	G mm	H in.	H mm	I in.	I mm
6423100	4	102	9 1/2	241	2 1/8	54	2 5/8	67	2	51	4 1/16	103	2 7/8	73	1 3/8	35	4 3/4	121
6423105	4 3/4	121	11 5/16	287	2 5/8	67	3 1/16	78	2 1/16	52	4 7/8	124	3 9/16	90	1 21/32	42	5 13/16	148
6423108	5 1/8	130	12 1/8	308	2 5/8	67	3 5/16	84	2 1/4	57	5	127	3 9/16	90	1 5/8	41	5 15/16	151
6423110	6	152	15 1/16	383	3 7/16	87	3 13/16	97	3	76	6 9/16	167	4 3/16	106	2	51	7 5/16	186

⚠ WARNING

- Select proper size clamp for the job.
- Determine the weight of the plate to be lifted.
- Do not exceed WLL (Working Load Limit) shown on clamp.
- Plate thickness must be within grip range shown on clamp.

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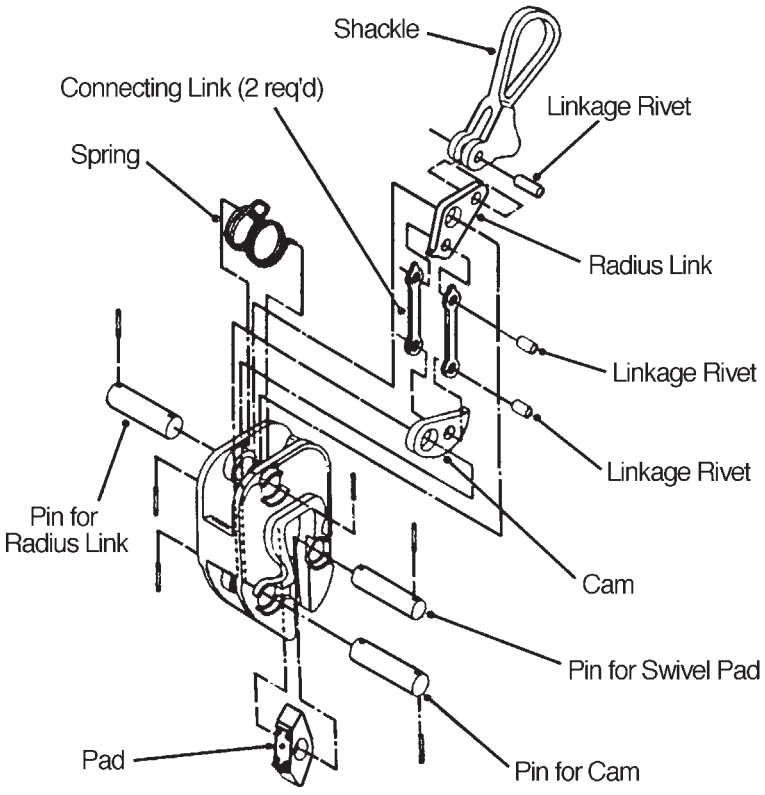
Repair Kits for "GX" Clamps



Shackle Kit components



Cam / Pad Kit components

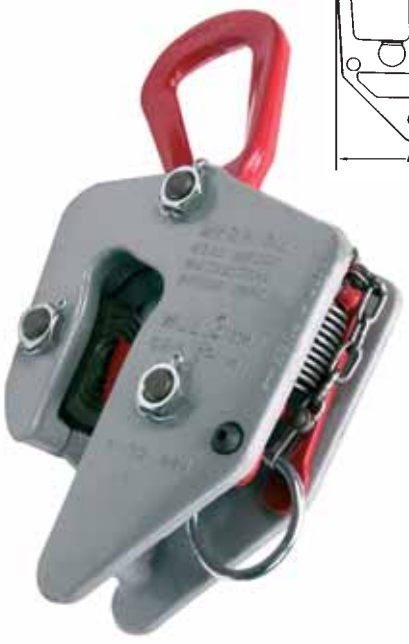


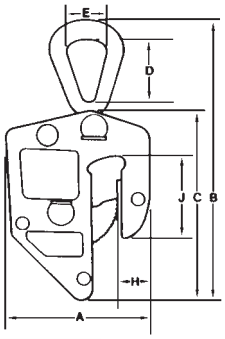
Capacity	½ Ton	1 Ton	2 Ton	3 Ton	5 Ton
Description	**Code No.**	**Code No.**	**Code No.**	**Code No.**	**Code No.**
Shackle Kit Kit includes: 1 Shackle, 1 Radius Link, 1 T-Spring, 2 Connection Links, 1 Radius Link Pin, 3 Linkage Rivets, 2 Sel-locs	**6506000**	**6506010**	**6506020**	**6506030**	**6506050**
Cam/Pad Kit Kit includes: 1 Cam, 1 Pad, 1 Cam Pin, 1 Pad Pin, 1 T-Spring, 1 Rivet, 4 Sel-locs	**6506001**	**6506011**	**6506021**	**6506031**	**6506051**

⚠ WARNING

- Select proper size clamp for the job.
- Determine the weight of the plate to be lifted.
- Do not exceed WLL (Working Load Limit) shown on clamp.
- Plate thickness must be within grip range shown on clamp.

Locking "E" Clamps





- Clamp lifts from either horizontal or vertical position.
- Clamps turn plates through 90°.
- Locks open or closed with a lever.
- Has large throat that gives a secure bite and wide grip range.
- Note: Be sure clamp is in lock closed position before making lift.
- **Note: The Pad and Cam should be replaced at the same time.**
- Clamps are 100% Proof Tested and Certificate of Test supplied with each clamp.

Merrill Model No.	Code No.	Grip Range in.	Grip Range mm	Clamp Weight lb	Clamp Weight kg	Working Load Limit Metric Ton
3E	**6420701**	0–1 1/4	0–32	20	9	3
5E	**6420702**	0–1 1/2	0–38	28	13	5
5E	**6420703**	1 1/4–2 1/2	32–64	33	15	5
8E	**6420705**	1/2–2 1/2	13–64	81	37	8
8E	**6420706**	2–4	51–102	84	38	8

Code No.	Dimensions A in.	A mm	B in.	B mm	C in.	C mm	D in.	D mm	E in.	E mm	H in.	H mm	J in.	J mm
6420701	7 1/4	184	14 3/8	365	9 1/4	235	3 1/2	89	2	51	2	51	4 3/8	111
6420702	8 7/8	225	16	406	10 1/2	267	3 1/2	89	2 1/2	64	2 11/16	68	5	127
6420703	10 1/2	267	16 5/8	422	11 1/4	286	3 1/2	89	2 1/2	64	3 1/8	79	5 1/4	133
6420705	14 1/8	359	22 3/4	578	15 3/4	400	5	127	3 1/2	89	4 7/8	124	8 1/2	216
6420706	16	406	23	584	16 1/4	413	5	127	3 1/2	89	5 1/16	129	8 3/4	222

⚠ WARNING

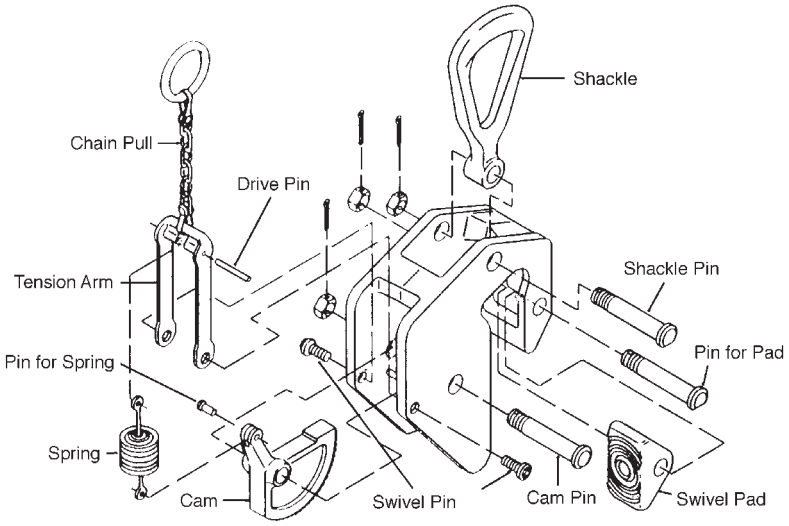
- Select proper size clamp for the job.
- Determine the weight of the plate to be lifted.
- Do not exceed WLL (Working Load Limit) shown on clamp.
- Plate thickness must be within grip range shown on clamp.

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Repair Kits for Locking "E" clamps



Shackle Kit components





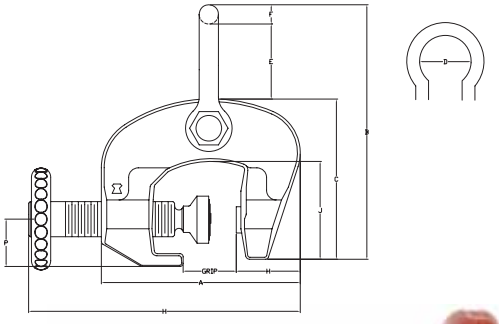
Cam / Pad Kit components

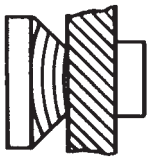
Capacity	3 Ton All	5 Ton All	8 Ton ½"–2½"	8 Ton 2"–4", 4"–6"	12 Ton All
Description	**Code No.**	**Code No.**	**Code No.**	**Code No.**	**Code No.**
Shackle Kit Kit includes: 1 Shackle, 1 Shackle Bolt, 1 Nut, 1 Cotter Pin	**6507030**	**6507050**	**6507080**	**6507082**	**6507082**
Cam/Pad Kit Kit includes: 1 Cam, 1 Pad, 1 Cam Bolt, 1 Pad Bolt, 2 Nuts, 2 Rivets, 1 Drive Pin, 1 Spring, 1 Chain Pull Clip, 1 Tension Arm, 2 Swivel Pins, 2 Cotter Pins.	**6507031**	**6507051**	**6507081**	**6507081**	**6507081**

⚠ WARNING

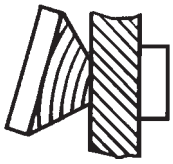
- Select proper size clamp for the job.
- Determine the weight of the plate to be lifted.
- Do not exceed WLL (Working Load Limit) shown on clamp.
- Plate thickness must be within grip range shown on clamp.

SAC (Screw-Adjusted Cam) Plate Clamps





Cam position under no load.



Cam under load. The heavier the load, the greater the bite.



- Recommended for turning plates from horizontal to vertical as well as through a 180° arc.
- The convex, serrated cam swivels on a ball joint so that the area of cam engagement increases as load increases.
- Drop forged body and shackle.
- The Pad and Cam should be replaced at the same time.
- Clamps are 100% Proof Tested and Certificate of Test supplied with each clamp.

Note: SCREW NEEDS TO BE HAND TIGHT ONLY! DO NOT OVERTIGHTEN.

Merrill Model No.	Code No.	Grip Range in.	Grip Range mm	Clamp Weight lb	Clamp Weight kg	Working Load Limit Metric Ton
SAC-1	**6421000**	0–1	0–25	6 1/4	3	1
SAC-3	**6421001**	0–2	0–51	14 1/4	6	3
SAC-6	**6421002**	0–3	0–76	40	18	6

Code No.	Dimensions A in.	A mm	B in.	B mm	C in.	C mm	D in.	D mm	E in.	E mm	F in.	F mm	H in.	H mm	J in.	J mm	O** in.	O** mm	P in.	P mm
6421000	5 1/4	133	7 3/4	197	4	102	1 3/4	44	2 7/8	73	1/2	13	1 1/2	38	2 1/4	57	6 1/4	159	1 23/64	34.5
6421001	7 3/4	197	10 1/2	267	6 1/2	165	1 7/8	48	3 3/8	86	3/4	19	2 3/8	60	3 3/4	86	9 1/4	235	1 13/16	46
6421002	10	254	14 1/4	362	8 1/4	210	3 1/4	83	4 1/2	114	1 1/8	29	3	76	4 1/2	76	12	305	2 1/4	57

** At 0" grip.

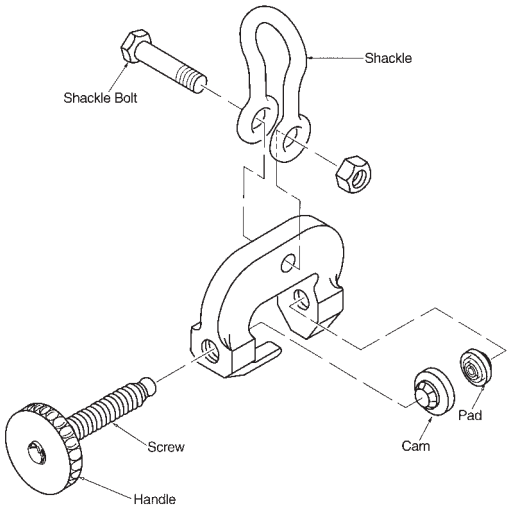
⚠ WARNING

- Select proper size clamp for the job.
- Determine the weight of the plate to be lifted.
- Do not exceed WLL (Working Load Limit) shown on clamp.
- Plate thickness must be within grip range shown on clamp.

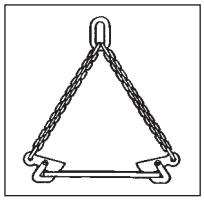
Campbell®

Repair Kits for SAC Clamps

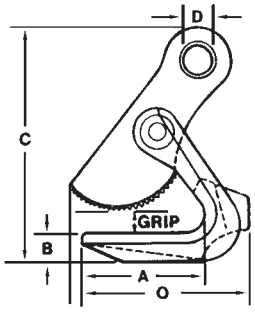
Capacity	1 Ton	3 Ton	6 Ton
Description	**Code No.**	**Code No.**	**Code No.**
Cam / Pad Kit Kit includes: 1 Cam, 1 Pad, 1 Pad Bolt, 1 Nut, 1 Washer	**6501000**	**6501010**	**6501020**
Screw / Handle Kit Kit includes: 1 Screw, 1 Handle	**6501101**	**6501011**	**6501021**
Shackle / Bolt Kit Kit includes: 1 Shackle, 1 Shackle Bolt, 1 Nut, 1 Cotter Key	**6501111**	**6501012**	**6501022**



Horizontal Plate Clamp



- One man can handle plates with this clamp.
- Dual springs hold cam on the work while the second clamp is placed.
- Sold in pairs **ONLY.**
- Clamps are 100% Proof Tested and Certificate of Test supplied with each clamp.





Merrill Part No.	Code No.	Working Load Limit Per Pair Metric Ton	Grip Range in.	Grip Range mm	Cam Width in.	Cam Width mm	Width in.	Width mm	Dimensions A in.	Dimensions A mm	Dimensions B in.	Dimensions B mm	Dimensions C in.	Dimensions C mm	Dimensions D in.	Dimensions D mm	Dimensions O in.	Dimensions O mm	Weight Per Pair lb	Weight Per Pair kg
6H	**6421701**	6	0-1 ½	0-38	5	127	¾	19	4½	114	1	25	8	203	1	25	7½	191	30	13,6

Repair Kit for Horizontal Plate Clamp

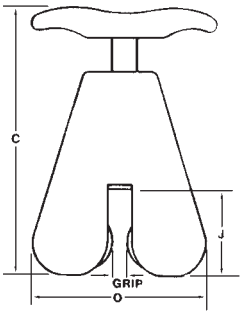
Description	Code No.
Cam Kit Kit includes: 1 Cam, 1 Cam Bolt, 2 Springs, 2 Nuts	**6501700**

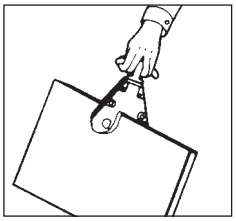
⚠ WARNING

- Select proper size clamp for the job.
- Determine the weight of the plate to be lifted.
- Do not exceed WLL (Working Load Limit) shown on clamp.
- Plate thickness must be within grip range shown on clamp.

Duplex Hand Grip







- Designed to carry or pull any object that will fit into its jaws.
- Grips and releases automatically.

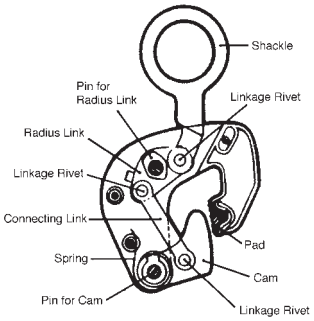
Code No.	Working Load Limit lb	Working Load Limit kg	Handle Length in.	Handle Length mm	Grip Range in.	Grip Range mm	Dimensions C in.	Dimensions C mm	Dimensions J in.	Dimensions J mm	Dimensions O in.	Dimensions O mm	Weight lb	Weight kg
6421801	500	227	2	50	0–5/16	0–8	6	152	1 7/8	48	3 3/4	95	2	1
6421802	500	227	Eye nut		0–5/16	0–8	8	203	1 7/8	48	3 3/4	95	2	1
6421803	500	227	6	150	0–5/16	0–8	12	305	1 7/8	48	3 3/4	95	3	1
6421805	500	227	10	250	0–5/16	0–8	16	406	1 7/8	48	3 3/4	95	3	1
6421806	500	227	18	450	0–5/16	0–8	23	584	1 7/8	48	3 3/4	95	4	2

⚠ WARNING

- Select proper size clamp for the job.
- Determine the weight of the plate to be lifted.
- Do not exceed WLL (Working Load Limit) shown on clamp.
- Plate thickness must be within grip range shown on clamp.

Drum Handling Equipment, Single Drum Lifter No. 52

- Lifts drums with or without heads removed.
- Drums can be lifted from either horizontal or vertical positions and then reversed.
- Snaps onto drum and is held there by its spring-loaded cam even when there is no load.
- **Note: THIS CLAMP IS NOT SUITABLE FOR LIFTING PLATES OR SHEETS!**







Code No.	Working Load Limit Metric Ton	Dimensions										Weight	
		Overall Width		Bearing to Pad Center		I.D. Eye		Bead Recess		Max. Jaw Opening			
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lb	kg
6410101	1/2	5	127	6	152	1 3/4	44	1/2 x 3/4	13 x 19	7/8	22	4 3/4	2

Replacement Parts for Drum Lifter

Part Name	Pkg. Qty.	Code No.
Shackle	1	**6500023**
Linkage Rivet	4	**6500008**
Radius Link	1	**6500002**
Pin for radius ink and cam	2	**6500003**
Conn. Link	2	**6500007**
Cam	1	**6500024**
Spring	1	**6500027**
Pad (includes bolt)	1	**6500025**
Cam, pad, rivet and spring	1 each	**6505011**

⚠ WARNING

- Select proper size clamp for the job.
- Determine the weight of the plate to be lifted.
- Do not exceed WLL (Working Load Limit) shown on clamp.
- Plate thickness must be within grip range shown on clamp.

Drum Deheader





- All parts are drop forged and heat treated.
- Cuts the heads out of steel drums without leaving dangerous edges.
- Blade and fulcrum are detachable.
- For initial cut, the tool has a point in the rear and a striking surface in front.
- Available with either alloy blade or non-sparking blade.

Code No.	Description	Length of Tool in.	Length of Tool mm	Weight lb	Weight kg
6410701	Deheader with alloy blade	24	610	5½	2
6410702	Deheader with non-sparking blade	24	610	5½	2

Replacement Parts for Drum Deheader

Part Name	Code No.	Weight lb	Weight g
Alloy Blade	**6500140**	½	227
Non-sparking blade	**6500141**	½	227
Pivot with nut	**6500142**	1/16	28
Bolts and nuts for blade	**6500143**	⅛	57

⚠ WARNING

- Select proper size clamp for the job.
- Determine the weight of the plate to be lifted.
- Do not exceed WLL (Working Load Limit) shown on clamp.
- Plate thickness must be within grip range shown on clamp.



Air Powered Dispensing Products

Caulk Master®

Caulk Master®

Caulk Master® Table of Contents

Saving time and much more.

Whether you're a do-it-yourselfer or a pro, Caulk Master can dramatically increase your productivity and make it easier for you to produce the perfect bead ... all while reducing fatigue and the chance of injury.

Caulk Master air powered dispensing guns give you a level of control simply unattainable with manual guns. The patented trigger mechanism gives you the exact amount of caulk, sealant, or adhesive you need, so you can dispense material at a smooth, steady pace. Even “weep” at the end of a run is a thing of the past ... when you stop squeezing the trigger, the flow stops immediately.

It's no wonder that demanding industries such as construction, automotive, marine and aerospace are loyal users of Caulk Master products.

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Caulk Master® Application Chart

	Model:	PG100 Standard Cartridge	PG110 High Viscosity
Application/User	Automotive	X	X
	Construction	X	X
	Do-it-Yourselfer	X	
	Maint./Repair	X	X
	Marine	X	X
	OEM	X	X
Viscosity	Low	X	X
	Medium	X	X
	High		X
Cartridge Capacity	1/10th Gallon Tube	X	X

Caulk Master®

Air Powered Dispensing Guns

Caulk Master Features and Benefits

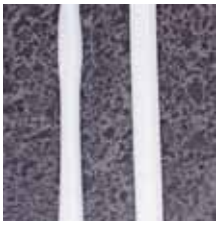


- Time Saving – reduces the average caulking job up to 80%.

- All Caulk Master dispensing guns come with a 3-foot air hose and standard $^{1}/_{4}$" NPT fitting. Easily connects to a high-pressure regulator and air tank or compressor (purchase separately).



- Caulk Master provides a smooth, even flow of material for a superior bead in a fraction of the time needed by outdated manual methods.



- Patented trigger mechanism makes it easy to vary the amount of material being dispensed and reduce operator fatigue.



- Unique twist lock bayonet barrel mount.

1. Twist barrel to unlock. Remove empty cartridge.



2. Drop in new cartridge and twist barrel to lock.



3. Get back to work. It's that simple.



- High-impact, non-corrosion construction.

- Common grip will handle all sealant, caulk and adhesives.



PG100 Professional Air Powered Dispensing Gun

PG100 – Handles Any 10,3 Oz. Cartridge



- 1/10th gallon (10,3 oz.) barrel
- Ergonomic Valox® grip
- Weight: 14,5 oz.
- 4,8 bar maximum operating pressure

Code No.	Packed	Gun Body	Max. pressure	Cartridge Barrel	Ship Weight lb	Ship Weight kg	Case Pack
PG100	Clamshell	Valox	4,8 bar	10,3 oz.	7,5	3,400	5

PG110 Professional Air Powered Metal Dispensing

PG110 – Handles Any 10,3 Oz. Cartridge



- For high viscosity materials
- 1/10th gallon (10,3 oz.) barrel
- Ergonomic aluminum grip
- Weight: 1 Lb., 12 Oz.
- 6,8 bar maximum operating pressure

Code No.	Packed	Gun Body	Max. pressure	Cartridge Barrel	Ship Weight lb	Ship Weight kg	Case Pack
PG110	Clamshell	Aluminum	6,8 bar	10,3 oz.	11,0	5,000	5



Wrenches, Pliers, Drivers, and Tool Sets

Crescent®

Crescent®

Crescent® Table of Contents

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Key to Symbols	
	Jaw opening
	Blade length (of screwdriver)
	Blade diameter (of screwdriver)
	Overall length (of screwdriver)

Ratcheting Combination Wrenches

The producers of the World famous Crescent® adjustable wrench now offer you two new styles of ratcheting wrenches: the *REVERSIBLE* Ratcheting Combination Wrench (works where other wrenches won't), and the Ratcheting Combination Wrench (the simplicity of a combination wrench with the speed of a ratchet). The open end jaw surfaces are parallel to within ± 0.0015" for better contact with fastener surfaces and higher torque transfer. All two styles feature mirror finished chrome vanadium steel construction for maximum strength, durability, and corrosion resistance. The narrow cross-section design on box and open ends allows access to tighter work spaces, making the wrench more versatile.

Packaging that shows and sells:
Every set of Crescent® ratcheting combination wrenches is packaged to grab your customer's attention and immediately make him or her aware of the features and related benefits of these quality tools. All packages have a built-in "Try Me!" feature that allows the consumer to actually touch the product and to see for themselves how the Crescent reversible ratcheting wrench can do more than any combination wrench they've ever seen before.

Four piece sets come with a heavy duty plastic storage tray (except type FRRM4P which comes in a canvas pouch) designed to fit permanently in a tool drawer or toolbox. Trays are made of durable, heavy duty textured plastic and have custom fit cutouts that keep the wrenches organized and close at hand. Supplied on a sturdy, full colour hang card with product features and benefits shown in English, Spanish, French, German, Dutch, Italian and Swedish.



FRM4EU

Seven piece sets come in a heavy duty open face carry case made of tough textured plastic. Wrenches rest in individual channels, held securely by a durable snap-fit closure. Case features an integral carry handle for added convenience. Product features and benefits shown in English, Spanish, French, German, Dutch, Italian and Swedish.



FRM7EU

Open stock is packaged on a sturdy, attractive hang-up card. These serve as back-up stock to the individual parts in each set, and offers other key individual sizes not in our sets.



FRR10

Ratcheting Combination Wrenches

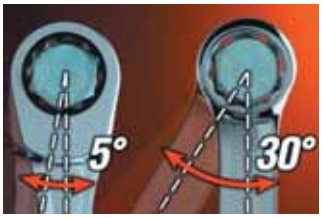


FR7



FR4

- Patented ratchet feature turns bolt with just 5° handle swing compared to 30° required in standard combination wrenches.
- Closed end works in places deep sockets will not reach and the narrow cross-section allows access to tighter working spaces than other styles of ratcheting wrenches.
- Open-end jaw surfaces are parallel to within ± 0,0015" for better contact with fastener and higher torque potential.
- 72 tooth ratcheting mechanism receives special heat treat process for maximum strength. Tools exceeds ANSI torque loads for standard combination wrenches.
- Mirror finish chrome vanadium steel for maximum strength, durability, aesthetics and corrosion resistance.
- Ratcheting closed end uses 12 points of contact for less stress to the fastener.
- 4 piece set comes in a try me blistered pack tray (except type FRRM4P which comes in a canvas pouch).
- 7 piece set comes in a try me blow molded case.
- Open stock available. See pages 67 and 68.



Ratchet feature turns fasteners with just a 5° swing vs. 30° needed for standard wrenches. Makes jobs go fast with its quick back and forth motion, while standard wrenches must be lifted off the bolt and repositioned with each swing.



The box end ring gear has 72 extra-fine teeth, allowing the ratchet mechanism to engage with just a 5° movement of the wrench. This important component is pre-cision machined and specially heat-treated for exceptional strength.



Works in places even deep sockets won't reach. It's the perfect tool for positioning and tightening bolts on threaded rod adjusters like those found on most electric garage door openers.



Pivot head swivels 180° for ultimate versatility. It works at any angles other flat wrenches will not handle.

Code No.	Packed	Description	Contents	Set weight g	Shelf Pack
SAE					
FR4	Carded	4 Piece SAE Set	$^{3}/_{8}$", $^{7}/_{16}$", $^{1}/_{2}$", $^{9}/_{16}$"	425	1
FR7	Carded	7 Piece SAE Set	$^{5}/_{16}$", $^{3}/_{8}$", $^{7}/_{16}$", $^{1}/_{2}$", $^{9}/_{16}$", $^{5}/_{8}$", $^{3}/_{4}$"	1389	1
Metric					
FRM4EU	Carded	4 Piece Metric Set	8 mm, 10 mm, 13 mm, 15 mm	460	1
FRM7EU	Carded	7 Piece Metric Set	8 mm, 10 mm, 13 mm, 16 mm, 17 mm, 18 mm, 19 mm	1280	1
FRRM4P	Pouch	4 Piece Metric Set, Reversible	8 mm, 10 mm, 13 mm, 17 mm	444	1
FRPM4EU	Carded	4 Piece Metric Set, Pivot Head	8 mm, 10 mm, 13 mm, 17 mm	524	1
FRPM7EU	Carry Case	7 Piece Metric Set, Pivot Head	8 mm, 10 mm, 11 mm, 13 mm, 15 mm, 17 mm, 19 mm	1038	1

Ratcheting Combination Wrenches – Open Stock

Crescent® has increased the selection of its popular ratcheting and reversible ratcheting combination wrenches, all available individually packaged. The wrenches work in many places where other wrenches won't, including places deep socket wrenches can't reach.

The reversing feature also allows the ratcheting end to have a 15 degree offset, like standard box-end wrenches. The 15 degree angle allows the wrenches to be gripped easily and allows users to apply more power without the risk of skinned knuckles. The ratcheting feature allows bolts to be turned with just a five degree swing compared to 30 degrees needed for standard wrenches, which must also be lifted off the bolt and repositioned for each swing. The reversible wrenches reverse at the push of a button, even in the tightest spaces. Open end jaw surfaces are parallel to within ±0,0015" for better contact with fastener surfaces and higher torque transfer. Mirror finished chrome vanadium steel construction is employed for maximum strength, durability, and corrosion resistance.

All packages have a built-in "Try Me!" feature that allows the consumer to actually touch the product and to see for themselves how the Crescent ratcheting wrench can do more than any combination wrench they've ever seen before.

Major areas of use include the repair and maintenance of motor vehicles, industrial and electrical applications, and working on mechanical devices, including small engines, lawn and garden equipment, and pumps.

SAE Wrenches

Code No.	Packed	Length Inch	Length mm	Jaw Opening Inch	Jaw Opening mm	Tool weight oz	Tool weight g	Shelf Pack
Reversible Ratcheting Wrench, SAE								
FRR10	Carded	5,67	144	5/16"	8	1,92	54	6
FRR12	Carded	6,22	158	3/8"	10	2,72	77	6
FRR14	Carded	6,50	165	7/16"	11	3,04	86	6
FRR16	Carded	7,17	182	1/2"	13	4,00	113	6
FRR18	Carded	7,48	190	9/16"	14	4,48	127	6
FRR20	Carded	8,47	215	5/8"	16	5,92	168	6
FRR22	Carded	9,02	229	11/16"	17	7,20	204	6
FRR24	Carded	9,92	252	3/4"	19	8,64	245	6
FRR26	Carded	10,83	275	13/16"	21	11,68	331	6
FRR28	Carded	11,22	285	7/8"	22	14,24	404	6
FRR30	Carded	11,65	296	15/16"	24	16,32	463	6
Ratcheting Wrench, SAE								
FR10	Carded	5,67	144	5/16"	8	1,92	54	6
FR12	Carded	6,22	158	3/8"	10	2,72	77	6
FR14	Carded	6,50	165	7/16"	11	3,04	86	6
FR16	Carded	7,17	182	1/2"	13	4,00	113	6
FR18	Carded	7,48	190	9/16"	14	4,48	127	6
FR20	Carded	8,47	215	5/8"	16	5,92	168	6
FR22	Carded	9,02	229	11/16"	17	7,20	204	6
FR24	Carded	9,92	252	3/4"	19	8,64	245	6
FR26	Carded	10,83	275	13/16"	21	11,68	331	6
FR28	Carded	11,22	285	7/8"	22	14,24	404	6
FR30	Carded	11,65	296	15/16"	24	16,32	463	6

Ratcheting Combination Wrenches-Open Stock

Metric Wrenches

Code No.	Packed	Length mm	Jaw Opening mm	Tool weight oz	Tool weight g	Shelf Pack
Reversible Ratcheting Wrench, Metric						
FRRM08	Carded	144	8	1,92	54	6
FRRM09	Carded	150	9	2,24	64	6
FRRM10	Carded	158	10	2,72	77	6
FRRM11	Carded	165	11	3,20	91	6
FRRM12	Carded	173	12	3,68	104	6
FRRM13	Carded	182	13	4,00	113	6
FRRM14	Carded	190	14	4,48	127	6
FRRM15	Carded	202	15	5,28	150	6
FRRM16	Carded	215	16	5,76	163	6
FRRM17	Carded	229	17	6,72	191	6
FRRM18	Carded	240	18	8,00	227	6
FRRM19	Carded	252	19	8,64	245	6
FRRM21	Carded	275	21	11,68	331	6
FRRM22	Carded	285	22	14,24	404	6
FRRM24	Carded	296	24	16,32	463	6
Ratcheting Wrench, Metric						
FRM08	Carded	144	8	1,92	54	6
FRM09	Carded	150	9	2,24	64	6
FRM10	Carded	158	10	2,72	77	6
FRM11	Carded	165	11	3,20	91	6
FRM12	Carded	173	12	3,68	104	6
FRM13	Carded	182	13	4,00	113	6
FRM14	Carded	190	14	4,48	127	6
FRM15	Carded	202	15	5,28	150	6
FRM16	Carded	215	16	5,76	163	6
FRM17	Carded	229	17	6,72	191	6
FRM18	Carded	240	18	8,00	227	6
FRM19	Carded	252	19	8,64	245	6
FRM21	Carded	275	21	11,68	331	6
FRM22	Carded	285	22	14,24	404	6
FRM24	Carded	296	24	16,32	463	6

Ratcheting Combination Wrenches-Open Stock

Metric Wrenches

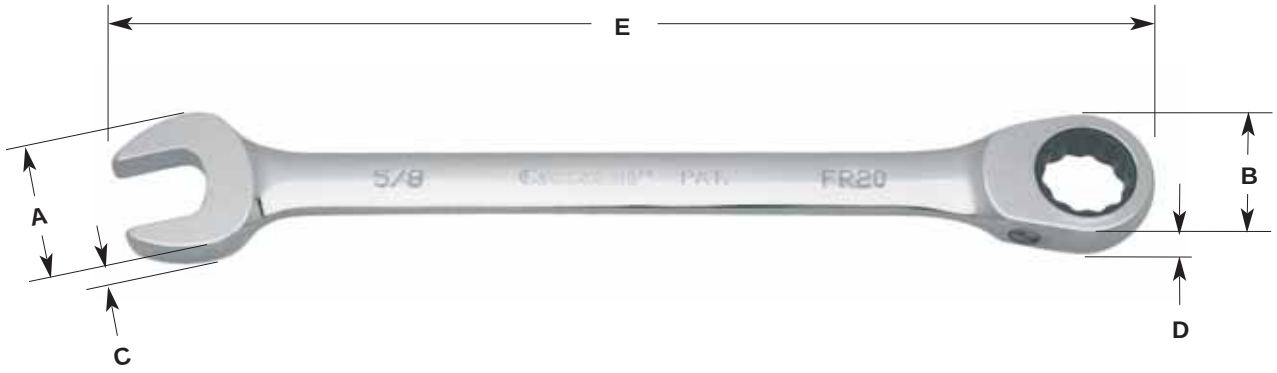
- 72-tooth ratchet mechanism.
- Pivot head swivels 180° for ultimate versatility.
- Ratcheting feature with just a 5° swing.
- Chrome-Vanadium





Code No.	Packed	Length mm	Jaw Opening mm	Tool weight oz	Tool weight g	Shelf Pack
Pivot Head Ratcheting Wrench, Metric						
FRPM08	Carded	144	8	1,55	44	6
FRPM09	Carded	150	9	1,92	54	6
FRPM10	Carded	158	10	2,43	69	6
FRPM11	Carded	165	11	2,72	77	6
FRPM12	Carded	173	12	2,95	84	6
FRPM13	Carded	182	13	3,35	95	6
FRPM14	Carded	190	14	3,84	109	6
FRPM15	Carded	202	15	4,25	121	6
FRPM16	Carded	215	16	4,48	127	6
FRPM17	Carded	229	17	5,76	163	6
FRPM18	Carded	240	18	7,58	215	6
FRPM19	Carded	252	19	8,00	227	6

Individual Tool Specifications



Reversible Ratcheting Combination and Ratcheting Combination Wrenches

Individual Tool Specifications – SAE

Wrench Opening Across Flats Inch	Outside Diameter Open Head (A) Inch	Outside Diameter Box (B) Inch	Wrench Head Thickness Open (C) Inch	Wrench Head Thickness Box (D) Inch	Length (E) Inch
5/16	0,669	0,709	0,185	0,291	5,669
3/8	0,854	0,827	0,224	0,331	6,220
7/16	0,906	0,866	0,240	0,331	6,496
1/2	1,043	0,984	0,260	0,331	7,165
9/16	1,161	1,043	0,287	0,331	7,480
5/8	1,315	1,142	0,303	0,394	8,465
11/16	1,429	1,201	0,311	0,394	9,016
3/4	1,535	1,339	0,343	0,453	9,921
13/16	1,713	1,496	0,374	0,492	10,827
7/8	1,831	1,614	0,394	0,531	11,220
15/16	1,909	1,772	0,433	0,531	11,654

Individual Tool Specifications – Metric

Wrench Opening Across Flats mm	Outside Diameter Open Head (A) mm	Outside Diameter Box (B) mm	Wrench Head Thickness Open (C) mm	Wrench Head Thickness Box (D) mm	Length (E) mm
8	17,0	18,0	4,7	7,4	144
9	18,8	19,5	5,3	7,4	150
10	21,7	21,0	5,7	8,4	158
11	23,0	22,0	6,1	8,4	165
12	25,2	23,5	6,4	8,4	173
13	26,5	25,0	6,6	8,4	182
14	29,5	26,5	7,3	8,4	190
15	31,3	28,0	7,5	8,4	202
16	33,4	29,0	7,7	10,0	215
17	36,3	30,5	7,9	10,0	229
18	38,0	32,0	8,4	11,5	240
19	39,0	34,0	8,7	11,5	252
21	43,5	38,0	9,5	12,5	275
22	46,5	41,0	10,0	13,5	285
24	48,5	45,0	11,0	13,5	296

Crescent® Adjustable Wrenches

World famous Crescent® adjustable wrench. These wrenches are made of fine alloy steel to give extra strength and wear. Used by professional mechanics, industrial tradesmen and home mechanics. Dimensions are proportioned for greatest strength with minimum weight. A tension spring under knurl helps prevent jaw opening from changing adjustment. An open handle design permits easier knurl adjustment. Handle made of forged alloy steel and heat treated for toughness and durability. Chrome or black phosphate finishes are available as indicated.

Chrome Finish

- World famous Crescent® brand
- For professional, industrial or home use.
- Wide capacity jaw (sizes 6–12) allows each tool to work with more fastener sizes.
- Wider handle (sizes 6–12) provides more comfort and less stress to the hand.
- Tension spring stabilizes jaw and knurl adjusts easily.
- Alloy steel and heat treated.
- Proportioned dimensions for greatest strength and minimum weight.
- Chrome plated finish resists rust and corrosion.
- Polished head and regular, satin finished handle.



Code No.	Packed	Length Inch	Length mm	Inch	mm	Tool weight oz	Tool weight g	Shelf Pack
AC14	Boxed	4	100	1/2	13	2,16	61	6
AC16	Boxed	6	150	15/16	24	5,00	142	6
AC18	Boxed	8	200	1 1/8	29	9,01	255	6
AC110	Boxed	10	250	1 5/16	33	16,06	455	6
AC112	Boxed	12	300	1 1/2	38	25,97	736	6

Cushion Grip, Chrome Finish

- World famous Crescent® brand
- For professional, industrial or home use.
- Wide capacity jaw (sizes 6–12) allows each tool to work with more fastener sizes.
- Wider handle (sizes 6–12) provides more comfort and less stress to the hand.
- Tension spring stabilizes jaw and knurl adjusts easily.
- Alloy steel and heat treated.
- Proportioned dimensions for greatest strength and minimum weight.
- Chrome plated finish resists rust and corrosion.
- Polished head and red non-slip cushion grip.
- **AC115C** features tapered handle.



Code No.	Packed	Length Inch	Length mm	Inch	mm	Tool weight oz	Tool weight g	Shelf Pack
AC14C	Boxed	4	100	1/2	13	2,16	61	6
AC16C	Boxed	6	150	15/16	24	5,00	142	6
AC18C	Boxed	8	200	1 1/8	29	9,01	255	6
AC110C	Boxed	10	250	1 5/16	33	16,06	455	6
AC112C	Boxed	12	300	1 1/2	38	25,97	736	6
AC115C	Boxed	15	380	1 11/16	43	52,32	1483	1

Note: **AC115C** features tapered handle.

Black Phosphate Finish



- World famous Crescent® brand
- For professional, industrial or home use.
- Wide capacity jaw (sizes 6–12) allows each tool to work with more fastener sizes.
- Wider handle (sizes 6–12) provides more comfort and less stress to the hand.
- Tension spring stabilizes jaw and knurl adjusts easily.
- Alloy steel and heat treated.
- Proportioned dimensions for greatest strength and minimum weight.
- Black phosphate finish resists corrosion.
- Polished head and regular handle, non-slip grip.

Code No.	Packed	Length Inch	Length mm	Inch	mm	Tool weight oz	Tool weight g	Shelf Pack
AT16V	Carded	6	150	15/16	24	5,00	142	6
AT18V	Carded	8	200	1 1/8	29	9,01	255	6
AT110V	Carded	10	250	1 5/16	33	16,06	455	6
AT112V	Carded	12	300	1 1/2	38	25,97	736	3

Tapered Handle, Black Phosphate Finish



- World famous Crescent® brand
- For professional, industrial or home use.
- Tension spring stabilizes jaw and knurl adjusts easily.
- Alloy steel and heat treated.
- Proportioned dimensions for greatest strength and minimum weight.
- Black phosphate finish resists corrosion.
- Tapered handle for better two-handed grip and less weight.

Code No.	Packed	Length Inch	Length mm	Inch	mm	Tool weight oz	Tool weight g	Shelf Pack
AT115	Boxed	15	380	1 11/16	43	52,32	1483	1
AT118	Boxed	18	460	2 1/16	52	81,44	2309	1

Rapid Slide™

NEW PRODUCT



- Slide control in handle for fast, easy, and accurate jaw adjustment.
- Laser-etched SAE/metric markings on head.
- 1" / 25 mm maximum jaw opening capacity.
- Wide handle for strength, comfort, and power.
- Internal debris shield protects slide mechanism.

Code No.	Packed	Length Inch	Length mm	Inch	mm	Tool weight oz	Tool weight g	Shelf Pack
AC8NKWMP	Carded	8	200	1	25	15,10	468	6

Crescent®

R² Rapid Rench™

- Adjustable Ratched Socket Wrench
- Fits hundereds of fasteners.
- Replace 38 most popular socket sizes.
- For SAE and metric
- Jaw capacity 1/4" to 7/8" / 6.35 mm to 22.2 mm
- Tighten or lossen with the flip of a switch.
- Dial adjusts jaw to exact size of fastener.
- Rubberized comfort grip for extra power.



Code No.	Packed	Length Inch	Length mm	Inch	mm	Tool weight oz	Tool weight g	Shelf Pack
FR28SWMP	Carded	8	200	1	22	18,42	571	6

Straight Jaws

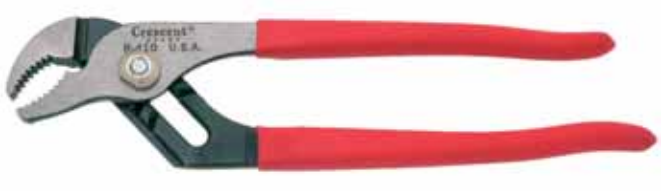
- Made from finest quality tool steel.
- Designed to grip all shapes like rods, pipes and cable connections.
- Precision-milled ribs assure smooth, positive interlock between two halves with no chance of halves separating or jumping out of grooves.
- Straight jaws and self-locking jaw adjustment.
- Forged, hardened and tempered.
- Red non-slip cushion handle grips.



Code No.	Packed	Length Inch	Length mm	Inch	mm	No. of jaw positions	Tool weight oz	Tool weight g	Shelf Pack
R27CV	Carded	7	178	1 1/8	28	6	7,04	200	6
R210CV	Carded	10	250	1 1/2	38	6	15,04	426	6
R212CV	Carded	12	300	2 1/2	64	8	25,18	714	6
R216CV	Carded	16	400	4 1/4	108	10	44,26	1372	3
HL120P	Carded	20	500	5 1/2	138	12	60,80	1724	2

Curved Jaws

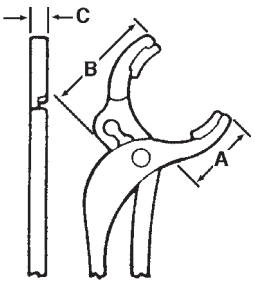
- Made from finest quality tool steel.
- Designed to grip all shapes like rods, pipes and cable connections.
- Precision-milled ribs assure smooth, positive interlock between two and with no chance of halves separating or jumping out of grooves.
- Curved jaws and self-locking jaw adjustment.
- Forged, hardened and tempered.
- Red non-slip cushion handle grips and long handles give powerful leverage.



Code No.	Packed	Length Inch	Length mm	Inch	mm	No. of jaw positions	Tool weight oz	Tool weight g	Shelf Pack
R410CV	Carded	10	250	1 1/2	38	6	13,92	395	6

A-N Connector Pliers



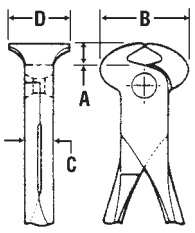


- Fits A-N electrical connectors – sizes from 0,75 to 2,5"
- Three adjustment positions
- Replacement insert available
- 52910KIT consists of: 2 screws, 2 pins, 2 pads

Code No.	Packed	Length Inch	Length mm	A Inch	A mm	B Inch	B mm	C Inch	C mm	Pack Wt. lb	Pack Wt. g	Shelf Pack
52910	Boxed	10	250	1 39/64	33	2 17/32	65	3/8	10	10,56	299	1
52910KIT	Boxed	–	–	–	–	–	–	–	–	2	57	1

End Cutting Nippers





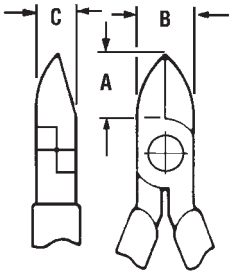
- Top quality end cutting tool.
- Precision manufactured from forged alloy tool steel.
- Handles with carefully designed leverage ratio to blades for easier cutting.
- Carefully designed throat clearance and rivet size.
- Electronically induction hardened, carefully designed, angled cutting edges and blade sizes.
- Plain handles or red non-slip cushion handle grips (suffix “C”).

Code No.	Packed	Length Inch	Length mm	A Inch	A mm	B Inch	B mm	C Inch	C mm	D Inch	D mm	Tool weight oz	Tool weight g	Shelf Pack
727V	Carded	7 1/4	184	3/8	10	1 3/4	44	17/32	13	13/16	30	12,00	340	6
727CV	Carded	7 1/4	184	3/8	10	1 3/4	44	17/32	13	13/16	30	12,00	340	6
728V	Carded	8 1/4	210	3/8	10	1 3/4	44	17/32	13	13/16	30	16,00	454	6
728CV	Carded	8 1/4	210	3/8	10	1 3/4	44	17/32	13	13/16	30	16,00	454	6
729CV	Carded	9 1/4	235	13/32	11	1 7/8	46	19/32	15	11/4	32	16,96	481	6

Crescent®

Heavy-Duty Diagonal Cutting

- Designed for heavy-duty wire cutting.
- Electronically induction hardened and hand-honed, long-lasting cutting edges.
- Made of forged alloy tool steel and individually tested for strength and cutting ability.
- Polished head
- Plain handles or red non-slip cushion handle grips (suffix “C”).

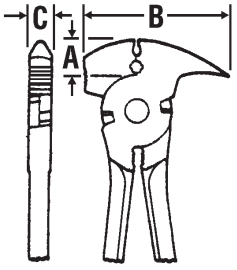




Code No.	Packed	Length Inch	Length mm	A Inch	A mm	B Inch	B mm	C Inch	C mm	Tool weight oz	Tool weight g	Shelf Pack
5427	Boxed	7	175	25/32	20	1 7/32	31	15/32	12	8,96	254	6
5427C	Boxed	7	175	25/32	20	1 7/32	31	15/32	12	8,96	254	6
5427CV	Carded	7	175	25/32	20	1 7/32	31	15/32	12	8,96	254	6

Heavy-Duty Fence Tool Pliers

- 2 staple grips in nose.
- Corrugated hammer head with heavy prong to easily reach and pull rusty staples.
- Special opening in head allows both wire and staple to be gripped.
- 2 electronically induction hardened durable wire cutters.
- Made of forged alloy tool steel.
- Polished head
- Plain handles or red non-slip cushion handle grips (suffix “C”).

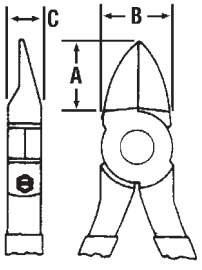




Code No.	Packed	Length Inch	Length mm	A Inch	A mm	B Inch	B mm	C Inch	C mm	Tool weight oz	Tool weight g	Shelf Pack
193610V	Carded	10 7/16	265	1 1/16	27	3 5/8	91	19/32	15	24,96	708	6
193610CV	Carded	10 7/16	265	1 1/16	27	3 5/8	91	19/32	15	27,04	767	6

Heavy-Duty Cutter

- Heavy-duty diagonal cutter
- Flush ground back for close cutting.
- Adjustable stops prolong cutting edge life.
- Handle coil springs reduce user fatigue.
- Plastic cutting only



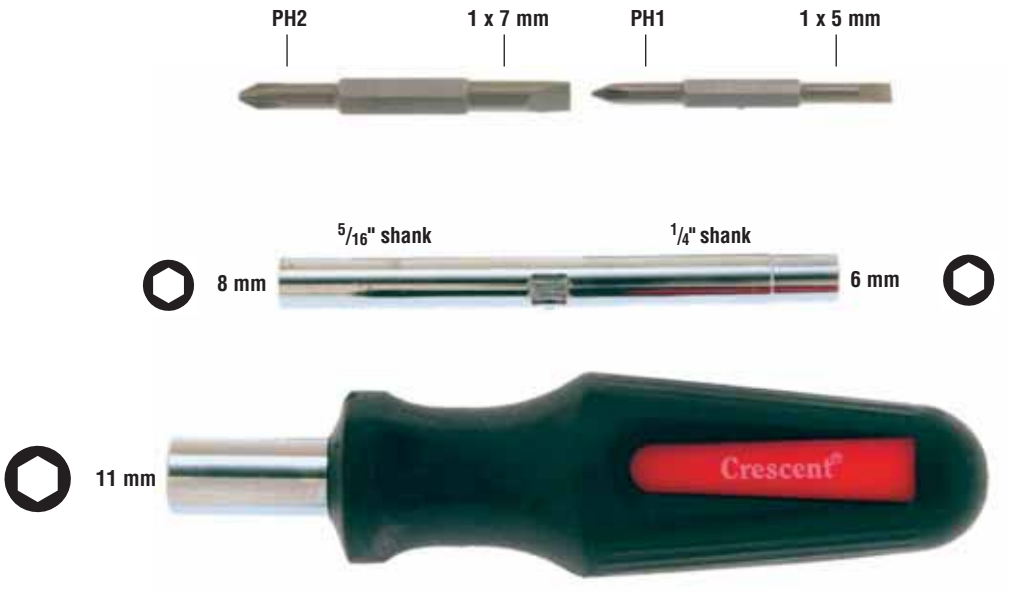


Code No.	Packed	Length Inch	Length mm	A Inch	A mm	B Inch	B mm	C Inch	C mm	Pack Wt. lb	Pack Wt. g	Shelf Pack
M56RP	Boxed	6	150	27/32	21	23/32	18	13/32	10	0,38	172	1
M57RP	Boxed	7	175	1 3/32	27	29/32	23	31/64	12	0,56	254	1

Interchangeable Bit Screwdrivers

NEW PRODUCT

- The new 7-in-1-Screwdriver SDMB7CDP from Crescent®.
- Ergonomic non-slip handle for improved control.
- S2 Steel bits for improved lifetime.
- Consists of:
  Slotted screwdriver 1 x 7 mm and Phillips PH2 ($^{5}/_{16}$" shank)
  Slotted screwdriver 1 x 5 mm und Phillips PH1 ($^{1}/_{4}$" shank)
  Nutdriver: 6 mm / $^{1}/_{4}$", 8 mm / $^{5}/_{16}$", 11 mm / $^{7}/_{16}$"



Code No.	Shelf Pack
SDMB7CDP	12 pcs. in counter top display

Spare bits

Code No.	Shank	Length	Description	Shelf Pack
0033000005	$^{5}/_{16}$"	70 mm	PH1 + Slotted 1 x 5 mm	10
0033000006	$^{5}/_{16}$"	70 mm	PH2 + Slotted 1 x 7 mm	10

Crescent®

Locking Pliers

Cresent® locking pliers are manufactured in a high-level procedure, which guarantees an improved durability and a long term performance. The production takes place after the strict ASME Standards B107.24 and B107.36, which cover the applicability, product description, strength and maximum capacity of the jaw openings. Despite the enormous jaw pressure it is possible for the Cresent® Grip pliers to be used in difficult accessible and limited working environments by the means of the special formed jaw. Long nose, curved, and straight jaw pliers feature are just as characteristic for Crescent® locking pliers, as the patented tooth pattern for an optimal grip. Every style has a tough nickel-plated finish for maximum resistance to rust and corrosion.

NEW PRODUCT

Code No.	Description	Packed	Tool weight g	Shelf Pack	
C7SV	7" Straight Jaw Locking Pliers	Carded	408	3	
C10SV	10" Straight Jaw Locking Pliers	Carded	590	3	
C5CV	5" Curved Jaw Locking Pliers with Wire Cutter	Carded	190	3	
C7CV	7" Curved Jaw Locking Pliers with Wire Cutter	Carded	385	3	
C10CV	10" Curved Jaw Locking Pliers with Wire Cutter	Carded	540	3	
C6NV	6" Long Nose Locking Pliers with Wire Cutter	Carded	204	3	
C9NV	9" Long Nose Locking Pliers with Wire Cutter	Carded	417	3	
C6CCV	6" Locking “C” Clamp with Regular Tips	Carded	250	3	
C6CCSV	6" Locking “C” Clamp with Swivel Tips	Carded	281	3	

Locking Pliers



Code No.	Description	Packed	Tool weight g	Shelf Pack
C11CCV	11" Locking "C" Clamp with Regular Tips	Carded	789	1



C11CCSV	11" Locking "C" Clamp with Swivel Tips	Carded	844	1



C8SMV	8" Locking Sheet Metal Clamp	Carded	503	3



C9W	9" Locking Welder's Clamp	Boxed	612	1



C20CH	9" Locking Chain Clamp with 18" Chain	Boxed	735	1



CLP5SET	**5-Piece Locking Pliers Set**	Carded	1796	3
	5" Curved Jaw Locking Pliers with Wire Cutter			
	7" Curved Jaw Locking Pliers with Wire Cutter			
	10" Curved Jaw Locking Pliers with Wire Cutter			
	6" Long Nose Locking Pliers with Wire Cutter			
	9" Long Nose Locking Pliers with Wire Cutter			



CLP2SET	**2-Piece Locking Pliers Set**	Carded	939	3
	7" Curved Jaw Locking Pliers with Wire Cutter			
	10" Curved Jaw Locking Pliers with Wire Cutter			



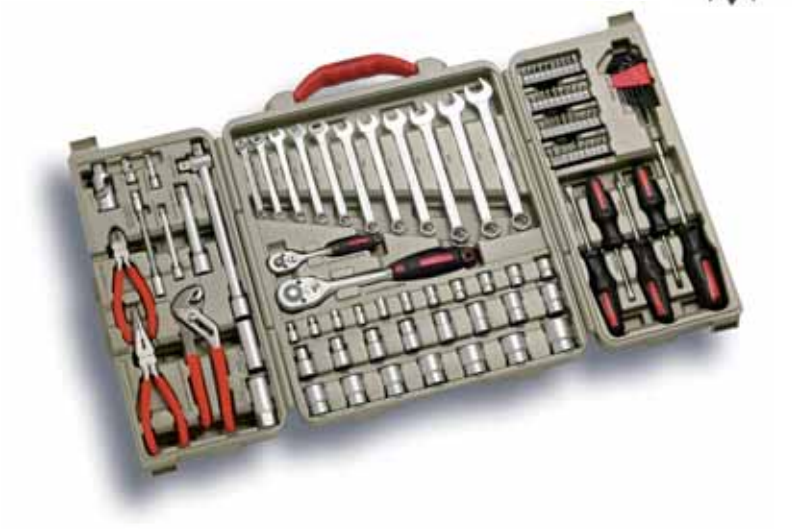
CLP3SETC	**3-Piece Cushion Grip Locking Pliers Set**	Carded	1202	3
	5" Cushion Grip Curved Jaw Locking Pliers with Wire Cutter			
	7" Cushion Grip Curved Jaw Locking Pliers with Wire Cutter			
	10" Cushion Grip Curved Jaw Locking Pliers with Wire Cutter			

Crescent®

1/4" + 1/2" Tool Set with 110 Tools

- The Set includes 110 pieces in high-quality Chrome-Vanadium (except pliers). All pieces are fixed in a handy plastic case.
- Sockets matte chromed
- Pliers chrome / nickel, mirror finish, with cushion grip.

NEW PRODUCT



Code No.	Description	Tool weight in g	Shelf Pack
CTK110EU	1/4" + 1/2" Tool Set, 110 Pieces	8320	3

	Contents:
1	1/2" Quick Release Ratcheting Drive, 72-tooth, with cushion grip, CrV
1	1/2" Extension 125 mm, CrV
1	1/2" Universal Joint, CrV
15	1/2" Sockets 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 27 mm, CrV, 6 pt
1	1/2" Sliding T-Handle / Extension 250 mm, CrV
1	1/2" Spark Plug Socket 16 mm, CrV
1	1/2" Spark Plug Socket 21 mm, CrV
1	1/4" Quick Release Ratcheting Drive, 72-tooth, with cushion grip, CrV
2	1/4" Extension 50 mm and 100 mm, CrV
1	1/4" Universal Joint, CrV
1	1/4" Flexible Extension 150 mm, CrV
11	1/4" Sockets 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm, CrV, 6 pt
11	Combination Wrenches 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19 mm, CrV
2	Screwdriver, Slotted 6,5 x 100 mm and 5,5 x 75 mm
2	Screwdriver, Phillips® No. 1 x 75 mm and No. 2 x 100 mm
1	Magnetic Bit Driver, 125 mm CrV
40	Screwdriver Bits 1/4", 25 mm long
4	Bit Holders
8	Hex Keys 1,5 / 2 / 2,5 / 3 / 4 / 5 / 5,5 / 6 mm
1	Hex Key Holder
1	Long Nose Plier w/Spring 8" / 200 mm, CrNi
1	Diagonal Cutting Plier w/spring 6" / 150 mm, CrNi
1	Tongue & Groove Plier 7" / 175 mm, CrNi
1	Case with blister inlay and 4c coloured display box

3/8" + 1/4" Tool Set with 88 Tools

- The Set includes 88 pieces in high Chrome-Vanadium and Flank-Drive-Quality. All pieces are fixed in a handy plastic case with carrying handle.
- Sockets in Chrome-Vanadium-Quality and Flank-Drive.
- Pliers with co-molded handle, Chrome-Nickel-Steel-Quality.

NEW PRODUCT



Code No.	Description	Tool weight in g	Shelf Pack
CTK88EU	3/8" + 1/4" Tool Set, 88 Pieces	5400	3

	Contents:
1	3/8" Quick Release Ratcheting Drive, 72-tooth, with ergonomic cushion grip, CrV
1	3/8" Extension, 75 mm, CrV
1	3/8" Extension, 150 mm, CrV
1	3/8" Universal Joint, CrV
1	3/8" Sliding T-Handle, 200 mm, CrV
16	3/8" Sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 mm, CrV
1	3/8" Spark Plug Sockets, 16 mm with rubber lining, CrV
1	3/8" Spark Plug Sockets, 18 mm with rubber lining, CrV
1	1/4" Spinner Handle, 175 mm, CrV
1	1/4" Flexible Extension Bar, 150 mm, CrV
7	1/4" Sockets 4 / 4,5 / 5 / 5,5 / 6 / 7 / 8 mm, CrV
1	Socket Converter, 1/2" to 3/8", CrV
1	Socket Converter, 3/8" to 1/4", CrV
1	Adapter, 3/8" to 1/4", CrV
1	Magnetic Bit Driver, 125 mm, CrV
1	Magnetic Bit Driver, 50 mm, CrV
8	Hex Key 1,5 / 2 / 2,5 / 3 / 4 / 5 / 5,5 / 6 mm with Holder
40	Bit Sockets 1/4", 25 mm (PZ, PH, Slotted, Square, Tri Wing, Hex, Torx TR, 2 Adapter)
1	Tongue and Groove Plier, 200 mm, with co-molded handle, CrNi
1	Diagonal Side Cutter, 150 mm, with co-molded handle, CrNi
1	Combination Plier, 175 mm, with co-molded handle, CrNi
1	Case with blister inlay and 4c coloured display box

Crescent®

1/4" Tool Set with 45 Tools

- The Set includes 45 pieces in high-quality Chrome-Vanadium and SuperLock (except bits and Hex Keys).
  All pieces are fixed in a handy plastic case.
- Sockets, matte, in Chrome-Vanadium and SuperLock-Quality.

NEW PRODUCT



Code No.	Description	Tool weight in g	Shelf Pack
CTK45EU	1/4" Tool Set, 45 Pieces	1300	5

	Contents:
1	1/4" Quick Release Ratcheting Drive, 72-tooth, with ergonomic cushion grip, CrV
2	1/4" Extension 50 mm und 100 mm, CrV
1	1/4" Universal Joint, CrV
1	1/4" Flexible Extension Shaft 150 mm, CrV
13	1/4" SuperLock Sockets: 4 / 4,5 / 5 / 5,5 / 6 / 7 / 8 / 9 / 10 / 11 / 12 / 13 / 14 mm, CrV
2	1/4" Phillips® Bit Sockets: No. 1 & No. 2
2	1/4" Pozidriv® Bit Sockets: No. 1 & No. 2
3	1/4" Slotted Bit Sockets: 4, 5, 7 mm
4	1/4" Hex Bits Sockets: 3, 4, 5, 6 mm
6	1/4" Torx® Bit Sockets: T8, T10, T15, T20, T25, T30
8	Hex Key: 1,5 / 2 / 2,5 / 3 / 4 / 5 / 5,5 / 6 mm with Holder
1	1/4" Spinner Handle
1	1/4" Sliding T-Handle
1	Case with 4c coloured sleeve

1/2" Tool Set with 25 Tools

- The Set includes 25 pieces in high-quality Chrome-Vanadium and SuperLock. All pieces are fixed in a handy plastic case with carrying handle.
- Sockets, matte, in Chrome-Vanadium and SuperLock-Quality.

NEW PRODUCT



Code No.	Description	Tool weight in g	Shelf Pack
CTK25EU	1/2" Tool Set, 25 Pieces	3900	5

	Contents:
1	1/2" Quick Release Ratcheting Drive, 72-tooth, with ergonomic cushion grip, CrV
2	1/2" Extension 125 mm and 250 mm, CrV
1	1/2" Universal Joint, CrV
2	1/2" Spark Plug Sockets: 16 mm und 21 mm with rubber lining, CrV
18	1/2" SuperLock Sockets: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm, CrV
1	1/2" Sliding T-Handle, CrV
1	Case with 4c coloured sleeve



Tapes and Levels

Lufkin®

Lufkin®

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EC-Standardization

Each Lufkin measure tape (steel) corresponds to the Class II of the European Weights and Measure Regulations (except CME tapes and HY-series). Tolerance of dimensional accuracy in mm ± is for the whole tape length.

Class	1 m	2 m	3 m	5 m	10 m	15 m	20 m	30 m	50 m
I	0,2	0,3	0,4	0,6	1,1	1,6	2,1	3,1	5,1
II	0,5	0,7	0,9	1,3	2,3	3,3	4,3	6,3	10,3
III	1,0	1,4	1,8	2,6	4,6	6,6	8,6	12,6	20,6

The tolerance has been determinded at a temperature of 20°C and a power of 50 Newton.

Class II with Certificate of Standardization
Each measure tape (except CME tapes and HY-series) is available with an individual Certificate according to Class II at which 5 measuring points are determinded.
Certificate Class II length ranges from 2–8 m,10–20 m and 30–50 m.

The tolerances of measure tapes of Class I and Class II are determined by the following formula.

$$(a + b \times L)$$

L = nominal length in meter

	a	b
Class I:	0,1	0,1
Class II:	0,3	0,2

Example:
3 m tapes / EC-Class II: (0,3 + 0,2 x 3) = ±0,9 mm difference

Identification of the measure tapes produced at Lufkin, Holland.



EC-Class of accuracy | Grant No. of model | Imprint for standardization

Pro Series 3000



- Ny-Clad™ nylon powder coated blade lasts 5 x longer than other heavy-duty blades.
- Dura-Life™ 5-rivet reinforced end hook lasts 10 x longer than any other compareable end hook (5 rivets with 10 m blade only).
- Bright Hi-Viz® orange case of injection molded high-impact ABS plastic.
- Ribbed TPR contact surface on lock button for improved comfort and control.
- Overmold layer of thermoplastic rubber (TPR) for comfort and impact resistance.

Type / Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack
PS3035CM	Carded	19 mm	5 m	250	4
PS3035CME	Carded	19 mm/$^{3}/_{4}$"	5 m/16'	250	4
PS3410CM	Carded	25 mm	10 m	450	4
PS3048CME	Carded	25 mm/1"	7,5 m/25'	350	4

Series 2000



- Ergonomic design, rounded case to feel as if it was part of the hand.
- High strength case with removable belt clip.
- Blade lock placed on top where the thumb expects it to be.
- Lock holds blade securely at any length.
- Unbreakable end hook and bright, clean graphics.
- Built-in shock absorber cushions blade return.

Type	Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack	Replacement Blade Type	Replacement Blade Code No.	Shelf Pack
2003	**0069200304**	Carded	16 mm	3 m	135	6	**R2003**	**0069221704**	6
2003	**0069810113**	Carded	16 mm/$^{5}/_{8}$"	3 m/10'	135	6	**R2010**	**0069221705**	6
2105	**0069210504**	Carded	16 mm	5 m	191	6	**R2105**	**0069221707**	6
2205	**0069220504**	Carded	19 mm	5 m	230	6	**RY35CM**	**0063803504**	6
2005	**0069810114**	Carded	19 mm/$^{3}/_{4}$"	5 m/16'	240	6	**RY35CME**	**0063803511**	6
2208	**0069220804**	Carded	25 mm	8 m	439	6	**RY48CM**	**0063804804**	6
2008	**0069232611**	Carded	25 mm/1"	8 m/26'	460	6	**RY48CME**	**0063804811**	6

Lufkin®

Ultralok

- Chrome-plated lightweight high strength case.
- Blade lock holds blade at any length.
- Powered blade return
- Built-in shock absorber cushions blade return.
- Removable belt clip



Type	Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack	Replacement Blade Type	Replacement Blade Code No.	Shelf Pack
Y23CM	**0060402304**	Carded	13 mm	3 m	110	6	**RY23CM**	**0063802304**	6
Y23CME	**0060402311**	Carded	13 mm/1/2"	3 m/10'	110	6	**RY23CME**	**0063802311**	6
Y25CM	**0060402504**	Carded	13 mm	5 m	160	6	**RY25CM**	**0063802504**	6
Y25CME	**0060402511**	Carded	13 mm/1/2"	5 m/16'	160	6	**RY25CME**	**0063802511**	6
Y35CM	**0060403504**	Carded	19 mm	5 m	205	6	**RY35CM**	**0063803504**	6
Y35CME	**0060403511**	Carded	19 mm/3/4"	5 m/16'	205	6	**RY35CME**	**0063803511**	6
Y38CM	**0060403804**	Carded	19 mm	8 m	335	6	**RY38CM**	**0063803804**	6
Y38CME	**0060403811**	Carded	19 mm/3/4"	8 m/26'	335	6	**RY38CME**	**0063803811**	6

Unilok

- Black high strength case
- Blade lock holds blade at any length.
- Powered blade return
- Built-in shock absorber cushions blade return.
- Removable belt clip



Type	Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack	Replacement Blade Type	Replacement Blade Code No.	Shelf Pack
YU823CM	**0061082304**	Carded	13 mm	3 m	110	6	**RY23CM**	**0063802304**	6
YU823CME	**0061082311**	Carded	13 mm/1/2"	3 m/10'	110	6	**RY23CME**	**0063802311**	6
YU835CM	**0061083504**	Carded	19 mm	5 m	202	6	**RY35CM**	**0063803504**	6
YU835CME	**0061083511**	Carded	19 mm/3/4"	5 m/16'	202	6	**RY35CME**	**0063803511**	6
YU838CM	**0061083804**	Carded	19 mm	8 m	323	6	**RY38CM**	**0063803804**	6
YU838CME	**0061283811**	Carded	19 mm/3/4"	8 m/26'	323	6	**RY38CME**	**0063803811**	6

Value Tapes



- Good value at a low price.
- Durable ABS case, contour shape fits comfortably in hand.
- Hi-Viz® colour makes it easy to find.
- Unique slide lock for easy control.
- Triple-riveted (5 m and 8 m) respectively double-riveted (3 m)
- Reinforced end-hook
- Belt clip

Type / Code No.	Packed	Blade Size Width	Length	Weight g	Shelf Pack	Replacement Blade Type	Code No.	Shelf Pack
L503CM	Carded	13 mm	3 m	107	6	–	–	–
L510CME	Carded	13 mm/1/2"	3 m/10'	107	6	–	–	–
L505CM	Carded	19 mm	5 m	209	6	–	–	–
L516CME	Carded	19 mm/3/4"	5 m/16'	209	6	–	–	–
L508CM	Carded	25 mm	8 m	403	6	–	–	–
L525CME	Carded	25 mm/1"	8 m/26'	403	6	–	–	–

Series 700



- Series 700 metric
- Unique slide lock for easy control.
- 5 m und 8 m tapes feature triple-riveted reinforced end hooks.
- Rubber coated TPR – (Thermo Plastic Rubber) case for more comfort.
- Hi-Viz® colour makes it easy to find.

Type / Code No.	Packed	Blade Size Width	Length	Weight g	Shelf Pack	Replacement Blade Type	Code No.	Shelf Pack
HV023CM	Carded	13 mm	3 m	100	10	RY23CM	0063802304	6
HV035CM	Carded	19 mm	5 m	200	10	RY35CM	0063803504	6
HV048CM	Carded	25 mm	8 m	400	8	RY48CM	0063804804	6

Lufkin®

Focus

- Ergonomic high strength case, Hi-Viz® colour orange.
- New type of scale marking can be read from both the left and the right.
- Blade lock holds blade at any length.
- Powered blade return
- Built-in shock absorber cushions blade return.
- New developed “Quad” hook (on 1"/25 mm tape only) ensures long life.
- Removable belt clip



Type	Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack	Replacement Blade Type	Replacement Blade Code No.	Shelf Pack
W35CM	**0069103504**	Carded	19 mm	5 m	240	6	–	–	–
W48CM	**0069104804**	Carded	25 mm	8 m	420	6	–	–	–

Universal



- Small and compact
- Blade lock holds blade at any length.
- Powered blade return
- High strength case
- With removable belt clip

Type	Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack	Replacement Blade Type	Replacement Blade Code No.	Shelf Pack
Y822CM	**0061182204**	Carded	13 mm	2 m	66	6	**RY22CM**	**0063802204**	6
Y822CME	**0061182211**	Carded	13 mm/1/2"	2 m/6'	66	6	**RY22CME**	**0063802211**	6
Y823CM	**0061182304**	Carded	13 m	3 m	92	6	**RY23CM**	**0063802304**	6
Y823CME	**0061182311**	Carded	13 mm/1/2"	3 m/10'	92	6	**RY23CME**	**0063802311**	6

Mezurall in Metal Case



- Attractive, rugged zinc alloy case
- Ideal for industrial use
- Power retraction operation

Type	Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack	Replacement Blade Type	Replacement Blade Code No.	Shelf Pack
Y422CM	**0060842204**	Carded	13 mm	2 m	120	6	**RY22CM**	**0063802204**	6
Y422CME	**0060842211**	Carded	13 mm/1/2"	2 m/6'	120	6	**RY22CME**	**0063802211**	6
Y423CM	**0060842304**	Carded	13 mm	3 m	140	6	**RY23CM**	**0063802304**	6
Y423CME	**0060842311**	Carded	13 mm/1/2"	3 m/10'	140	6	**RY23CME**	**0063802311**	6

Lufkin®

Mezurall in Chrome Plated Plastic Case

- Chrome-plated high strength plastic case
- Power retraction operation
- Belt clip



Type	Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack	Replacement Blade Type	Replacement Blade Code No.	Shelf Pack
W9312D	**W9312D**	Carded	3/4"	12' Engineer´s	167	6	–	–	–

Pee Wee

- Pocket size ideal for office and home
- High strength case in black
- Power retraction operation
- Blade is not replaceable



Type	Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack	Replacement Blade Type	Replacement Blade Code No.	Shelf Pack
Y612CM	**0061561254**	Boxed	6 mm	2 m	30	25*	–	–	–
Y613CM	**0061561354**	Boxed	6 mm	3 m	40	25*	–	–	–

*Shelf pack was changed from 50 to 25 under same Code No., shelf pack of 50 will be sold while quantity lasts.

Executive® Diameter

- Designed for measuring diameters of pipe, cable, tire or any circular object.
- Polished chrome case
- Zero falls in the same place on each side of the blade.
- Model W606PD shows diameter inches to 100ths, W606PM to millimetres.
- Yellow clad tape
- Easy-to-read bold graduations on yellow background.
- Spring action returns blade to case.



Type / Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack	Replacement Blade Type	Replacement Blade Code No.	Shelf Pack
W606PD	Boxed	1/4"	6'	38	6	**RW06PD**	**RW06PD**	6
W606PM	Boxed	6 mm	2 m	38	6	**RW06PM**	**RW06PM**	6

Banner



- Traditional design
- Professional tradesmans' quality
- Rugged, vinyl-covered steel case
- Large easy action winding drum and friction washers.
- Nylon rollers guide the tape smoothly in and out of case.
- "YB" prefix denotes product blade is fitted with a ring, zero point 10 cm behind ring.
- "HY" prefix denotes product blade is fitted with a hook ring, zero point at inner side of hook ring.

Type	Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack	Replacement Blade Type	Replacement Blade Code No.	Shelf Pack
YB210CM	**0061821004**	Carded	10 mm	10 m	357	1	**RYB210CM**	**0064021004**	1
YB220CM	**0061822004**	Carded	10 mm	20 m	602	1	**RYB220CM**	**0064022004**	1
YB230CM	**0061823004**	Carded	10 mm	30 m	762	1	**RYB230CM**	**0064023004**	1
YB250CM	**0061825004**	Carded	10 mm	50 m	1136	1	**RYB250CM**	**0064025004**	1
HY210CM	**0061921031**	Carded	10 mm	10 m	362	1	**RHY210CM**	**0064221031**	1
HY220CM	**0061922031**	Carded	10 mm	20 m	606	1	**RHY220CM**	**0064222031**	1
HY230CM	**0061923031**	Carded	10 mm	30 m	740	1	**RHY230CM**	**0064223031**	1
HY250CM	**0061925031**	Carded	10 mm	50 m	1134	1	**RHY250CM**	**0064225031**	1
YB210CME	**0061821015**	Carded	10 mm/$^{3}/_{8}$"	10 m/33'	370	1	**RYB210CME**	**0064021015**	1
YB220CME	**0061822015**	Carded	10 mm/$^{3}/_{8}$"	20 m/66'	621	1	**RYB220CME**	**0064022015**	1
YB230CME	**0061823015**	Carded	10 mm/$^{3}/_{8}$"	30 m/100'	780	1	**RYB230CME**	**0064023015**	1
YB250CME	**0061825015**	Carded	10 mm/$^{3}/_{8}$"	50 m/150'	1165	1	**RYB250CME**	**0064025015**	1
HY210CME	**0061921041**	Carded	10 mm/$^{3}/_{8}$"	10 m/33'	367	1	**RHY210CME**	**0064221041**	1
HY220CME	**0061922041**	Carded	10 mm/$^{3}/_{8}$"	20 m/66'	616	1	**RHY220CME**	**0064222041**	1
HY230CME	**0061923041**	Carded	10 mm/$^{3}/_{8}$"	30 m/100'	776	1	**RHY230CME**	**0064223041**	1

Lufkin®

Special

- High-impact ABS case with non-slip grip
- Smooth wind-in mechanism
- Pocket shaped
- Belt clip
- With hang-up hole



Type / Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Replacement Blade Type / Code No.
LS10CM	Carded	13 mm	10 m	250	RF10CM
LS20CM	Carded	13 mm	20 m	370	RF20CM
LS30CM	Carded	13 mm	30 m	518	RF30CM
LS10CME	Carded	13 mm/ 1/2"	10 m/33'	250	RF10CME
LS20CME	Carded	13 mm/ 1/2"	20 m/66'	370	RF20CME
LS30CME	Carded	13 mm/ 1/2"	30 m/100'	518	RF30CME

Available from July 2006

50 Footer

- Durable ABS case in Hi-Viz® orange is easy to find on the job site.
- Shock-resistant case with anti-slip covering.
- Virtually unbreakable Quad Hook, 4 rivets for extra strength.
- Lufkin roll technology permits integration of long tapes into pocket tape measures.
- Smooth running tape return
- Ergonomically shaped
- Removable belt clip
- Blade of EL15CMR is fitted with hook and ring.



Type	Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack	Replacement Blade Type	Code No.	Shelf Pack
EL15CMR	**0061815014**	Carded	25 mm	15 m	480	6	–	–	–

Pro Series Speedwinder Tapes



- 3:1 Gear ratio for fast blade retrieval.
- Precise, easy to read black and red blade markings.
- High-impact ABS case with non-slip grip.

Type / Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Replacement Blade Type / Code No.
SW20CM	Carded	10 mm	20 m	422	SWR20CM
SW30CM	Carded	10 mm	30 m	530	SWR30CM
SW20CME	Carded	10 mm/ $^{3}/_{8}$"	20 m/66'	422	SWR20CME
SW30CME	Carded	10 mm/ $^{3}/_{8}$"	30 m/100'	530	SWR30CME

Available from July 2006

Pro Series Frame Tapes



- Unique pistol grip design
- Smooth wind-in mechanism
- Compact design fits into a tool chest.
- Steel blade will not stretch.

Type / Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Replacement Blade Type / Code No.
FT30CM	Carded	13 mm	30 m	648	RF30CM
FT50CM	Carded	13 mm	50 m	850	RF50CM
FT30CME	Carded	13 mm/ $^{1}/_{2}$"	30 m/100'	648	RF30CME
FT50CME	Carded	13 mm/ $^{1}/_{2}$"	50 m/150'	850	RF50CME

Available from July 2006

Hi-Viz® Linear Reel

- Lightweight open reel is easy to handle and rewind.
- Line does not collect dirt in case.
- Hi-Viz® orange case



Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack	Replacement Blade
HY1730CME	Carded	1/2" (13 mm)	100' (30 m)	540	1	–

Hi-Viz® Linear Reel

- Lightweight open reel is easy to handle and rewind.
- Line does not collect dirt in case.
- Hi-Viz® orange case



Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack	Replacement Blade
HY1750CME	Carded	1/2" (13 mm)	164' (50 m)	790	2	–

Hi-Viz® Linear Reel

- Sturdy open case
- Long handle for fast and effortless rewinding.
- Hi-Viz® orange case



Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack	Replacement Blade
HY17100CME	Carded	1/2" (13 mm)	328' (100 m)	1520	2	–

Premiums

Lufkin® specialties have never looked this good. New designs and Hi-Viz® colours make the world's best quality tape the first choice of your customers when they want to display a little quality and colour of their own. The Lufkin® reputation for quality imprinting and reliable delivery made these the most sought after products around. Check out the full line and call your CooperTools representative today. All measuring tapes described on pages 86–94 are also available as premiums. Please ask for our catalogue.





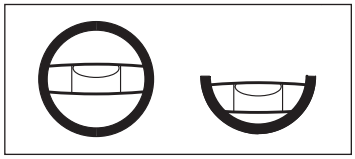




Lufkin®

Spirit Levels

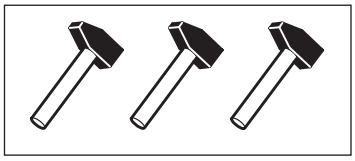
Always reliable – perfect use
The barrel-shaped bubble tubes are made of impact resistant Plexiglas and leak resistant. They are permanently fitted, adjusted in accordance with standards and selected via video controlling. The alignment of the bubble tubes cannot be changed later by the user.



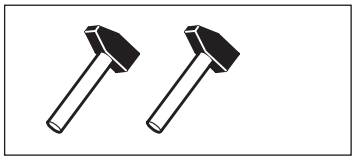
1. Spirit Level Bodies

The hammers indicate the amount of loading that can be applied to the body of the spirit level.

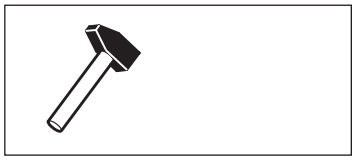
3 Hammers = high loading



2 Hammers = medium loading

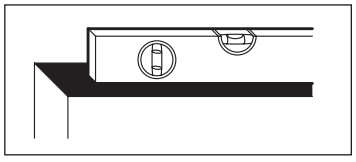


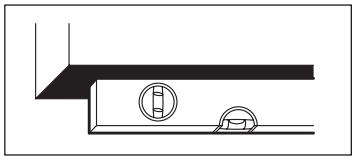
1 Hammer = moderate loading



2. Precision

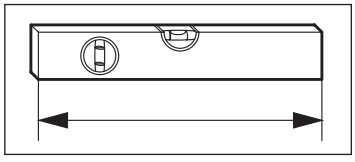
The precision is given for normal and vertical measurements.





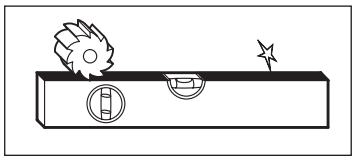
3. Length

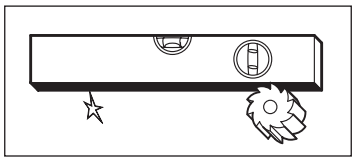
The length of the spirit level is given in cm and inches.

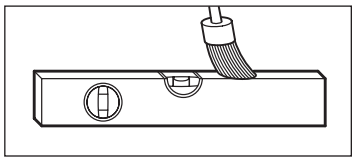


4. Measuring Surface

Milled measuring surfaces make it possible to lay the spirit level flat.
This is all the more important, the smaller the spirit level.

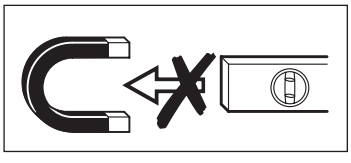






5. Magnet

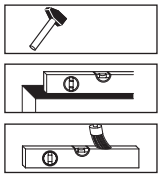
Spirit level with magnet in the measuring surface. Offers good adhesion.



L 10



- Accuracy: In normal position 0,057° = 1,0 mm/m
- Light metal extruded box-section with smooth faces.
- Electrostatic powder coating



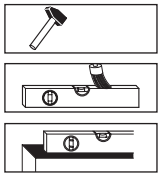
0,057° = 1,0 mm/m

Type	Code No.	Length cm
L 10-30	**0069900200**	30
L 10-40	**0069900201**	40
L 10-50	**0069900202**	50
L 10-60	**0069900203**	60
L 10-80	**0069900204**	80
L 10-90	**0069900205**	90
L 10-100	**0069900206**	100
L 10-120	**0069900207**	120
L 10-150	**0069900208**	150
L 10-180	**0069900209**	180
L 10-200	**0069900210**	200

L 10A



- Accuracy: In normal position 0,057° = 1,0 mm/m
- Tolerance of the angle measuring device: ± 0,3°
- L 10A as Type L 10, but with angle measuring device



0,057° = 1,0 mm/m

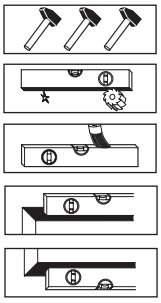
Type	Code No.	Length cm
L 10A-40	**0069900212**	40
L 10A-60	**0069900214**	60
L 10A-80	**0069900215**	80
L 10A-100	**0069900217**	100
L 10A-120	**0069900218**	120

Lufkin®

L 50V

- 1 Milled working face (up to length 120 cm)
- Accuracy:
  In normal position 0,029° = 0,5 mm/m
  Vial-down position 0,043° = 0,75 mm/m
- Very strong light metal extruded box section with smooth faces.
- Electrostatic powder coating
- With 2 vertical vials





0,029° = 0,5 mm/m

0,043° = 0,75 mm/m
≤ = 120 cm
≥ = 150 cm

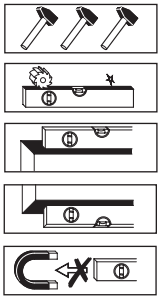
Type	Code No.	Length cm
L 50V-40	**0069900256**	40
L 50V-50	**0069900323***	50
L 50V-60	**0069900257**	60
L 50V-80	**0069900258**	80
L 50V-90	**0069900368***	90
L 50V-100	**0069900259**	100
L 50V-120	**0069900260**	120
L 50V-150	**0069900261***	150
L 50V-180	**0069900262***	180
L 50V-200	**0069900263**	200

*Discontinued, while quantity lasts

L 50MA

- 1 Milled working face
- Accuracy:
  In normal position 0,029° = 0,5 mm/m
  Vial-down position 0,043° = 0,75 mm/m
- Tolerance of the angle measuring device: ± 0,3°
- With strong magnets and angle measuring device.





0,029° = 0,5 mm/m

0,043° = 0,75 mm/m

Type	Code No.	Length cm
L 50MA-40	**0069900328**	40
L 50MA-60	**0069900329**	60

L 90



- 1 Milled working face
- Accuracy:
  In normal position 0,029° = 0,5 mm/m
  Vial-down position 0,043° = 0,75 mm/m
- Pressure die-cast light metal alloy. Electrostatic powder coating. Measuring face at the ends protected by slightly overlapping body. The design is highly shock absorbent.

Type	Code No.	Length cm
L 90-40	**0069900280***	40
L 90-50	**0069900281***	50
L 90-60	**0069900282***	60
L 90-80	**0069900283***	80

*Discontinued, while quantity lasts



Files, Saws, and Multi-Purpose Tools

Nicholson™

Nicholson™

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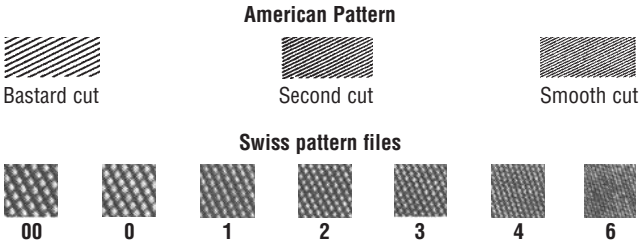
Safety Precautions



Always wear safety glasses.
Warn workers nearby to stay clear before you make each cut.

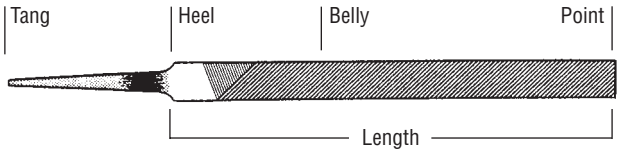
File Terminology

Coarseness



- Work to be accomplished, roughing or finishing, will determine type of teeth and coarseness for each application.
- Most American pattern files are available with 3 grades of cut: bastard-cut, second-cut and smooth-cut.
- Swiss pattern files are available in seven cuts: No. 00, 0,1, 2, 3, 4, and 6
- The degree of coarseness is greater in longer files, but differences between bastard, second and smooth are proportionate.

Length



- Length is measured exclusive of tang, from point to heel, unless specified otherwise.
- Desired stroke length, type of material and size will determine length required.

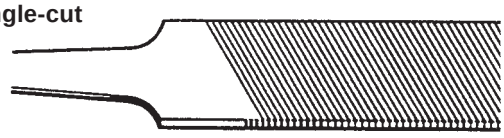
Shape



- Area to be filed will determine specific cross-section (round, square, flat, etc.) to be used.

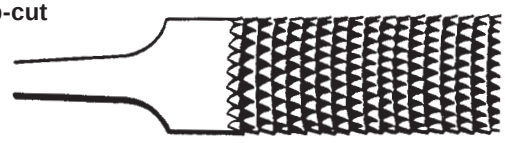
Kinds of Teeth

Single-cut



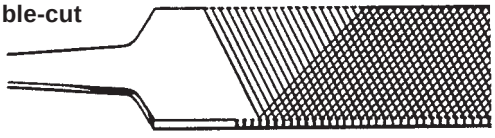
- Single set of parallel, diagonal rows of teeth.
- Single-cut files are often used with light pressure to produce a smooth surface finish or to put a keen edge on knives, shears or saws.

Rasp-cut



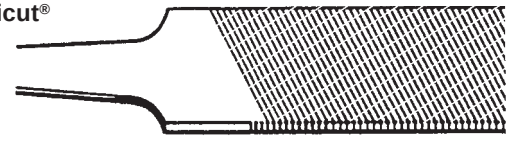
- Series of individual teeth which are formed by a single-pointed tool.
- Produces a rough cut that is used primarily on wood, hooves, aluminum and lead.

Double-cut



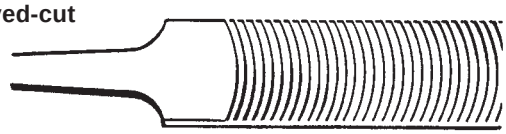
- 2 sets of diagonal rows of teeth.
- Second set of teeth cut in opposite diagonal direction and on top of the first set.
- First set of teeth is known as the overcut, second is known as upcut.
- Upcut is finer than overcut.
- Double-cut file is used with heavier pressure than the single-cut and removes material faster from the workpiece.

Magicut®



- Single cut teeth divided by angular serrations into shorter cutting edges, which free themselves readily from chips and perform roughing and smoothing at the same time.

Curved-cut



- Teeth arranged in curved contours across the file face.
- Curved-cut file is normally used in automotive body shops for smoothing body panels.

Files with Ergonomic Handles



- Rubber coating and rounded shape eliminates pressure points.
- Flared neck, raised ribs, and wide middle section keep your hand from slipping and provides maximum comfort and control.
- Rear taper allows your hand to lock securely around the handle, increasing push force.
- Hang hole for easy storage.

Length Inch	Length mm	Cut	Packed	Code No.	Weight g	Shelf Pack
HAND						
6	150	Bastard	Carded	**0016100601**	104	6
6	150	2nd cut	Carded	**0016100602**	104	6
6	150	Smooth	Carded	**0016100603**	110	6
8	200	Bastard	Carded	**0016100801**	140	6
8	200	2nd cut	Carded	**0016100802**	140	6
8	200	Smooth	Carded	**0016100803**	215	6
10	250	Bastard	Carded	**0016101001**	350	6
10	250	2nd cut	Carded	**0016101002**	350	6
10	250	Smooth	Carded	**0016101003**	350	6
12	300	Bastard	Carded	**0016101201**	520	6
12	300	2nd cut	Carded	**0016101202**	530	6
12	300	Smooth	Carded	**0016101203**	520	6
HAND MAGICUT						
8	200	Magicut	Carded	**0016110800**	196	6
10	250	Magicut	Carded	**0016111000**	344	6
HALFROUND						
6	150	Bastard	Carded	**0016300601**	92	6
6	150	2nd cut	Carded	**0016300602**	99	6
6	150	Smooth	Carded	**0016300603**	98	6
8	200	Bastard	Carded	**0016300801**	176	6
8	200	2nd cut	Carded	**0016300802**	174	6
8	200	Smooth	Carded	**0016300803**	169	6
10	250	Bastard	Carded	**0016301001**	310	6
10	250	2nd cut	Carded	**0016301002**	296	6
10	250	Smooth	Carded	**0016301003**	318	6
12	300	Bastard	Carded	**0016301201**	487	6
12	300	2nd cut	Carded	**0016301202**	506	6
12	300	Smooth	Carded	**0016301203**	505	6
ROUND						
6	150	Bastard	Carded	**0016500601**	68	6
6	150	2nd cut	Carded	**0016500602**	68	6
6	150	Smooth	Carded	**0016500603**	94	6
8	200	Bastard	Carded	**0016500801**	102	6
8	200	2nd cut	Carded	**0016500802**	102	6
8	200	Smooth	Carded	**0016500803**	101	6
10	250	Bastard	Carded	**0016501001**	180	6
10	250	2nd cut	Carded	**0016501002**	180	6
10	250	Smooth	Carded	**0016501003**	198	6
12	300	Bastard	Carded	**0016501201**	338	6
12	300	Smooth	Carded	**0016501203**	335	6

Nicholson™

Files with Ergonomic Handles

Length Inch	Length mm	Cut	Packed	Code No.	Weight g	Shelf Pack
SQUARE						
6	150	Bastard	Carded	**0016400601**	75	6
6	150	2nd cut	Carded	**0016400602**	81	6
8	200	Bastard	Carded	**0016400801**	112	6
8	200	2nd cut	Carded	**0016400802**	120	6
8	200	Smooth	Carded	**0016400803**	126	6
10	250	Bastard	Carded	**0016401001**	230	6
10	250	2nd cut	Carded	**0016401002**	218	6
10	250	Smooth	Carded	**0016401003**	199	6
THREESQUARE						
6	150	Bastard	Carded	**0016600601**	117	6
6	150	2nd cut	Carded	**0016600602**	119	6
6	150	Smooth	Carded	**0016600603**	125	6
8	200	Bastard	Carded	**0016600801**	190	6
8	200	2nd cut	Carded	**0016600802**	217	6
10	250	2nd cut	Carded	**0016601002**	350	6
WARDING						
6	150	Bastard	Carded	**0016900601**	80	6
6	150	2nd cut	Carded	**0016900602**	65	6
MILL BLUNT 1 RE (1 Round Edge)						
6	150	2nd cut	Carded	**0015170602**	82	6
8	200	2nd cut	Carded	**0015170802**	144	6
10	250	2nd cut	Carded	**0015171002**	290	6
12	300	2nd cut	Carded	**0015171202**	434	6
MILL BLUNT 2 RE (2 Round Edges)						
6	150	2nd cut	Carded	**0015180602**	82	6
8	200	2nd cut	Carded	**0015180802**	144	6
10	250	2nd cut	Carded	**0015181002**	290	6
SLIM TAPER						
6	150	Single cut	Carded	**0015090600**	104	6
REGULAR TAPER						
6	150	Single cut	Carded	**0015000600**	123	6
HANDY FILE						
8	200	Single and double cut	Carded	**0017310800**	226	6
WOODCRAFT RASP						
8	200	Rasp and file cut	Carded	**0017000800**	258	6
WOOD RASP HALFROUND						
8	200	Bastard	Carded	**0017140801**	172	6
WOOD RASP ROUND						
8	200	Bastard	Carded	**0017130800**	115	6
CABINET RASP REGULAR						
8	200	2nd cut	Carded	**0017090801**	168	6
10	250	2nd cut	Carded	**0017091001**	248	6
12	300	2nd cut	Carded	**0017091201**	470	6
HANDLE ONLY						
with 5 inserts / adapters			Carded	**0010000150**	90	6

File Sets see page 131–132

Aluminum Files – Type "A" Flat



- Special tooth construction eliminates clogging when filing aluminum.
- Flat shape
- Double-cut
- All sizes have same number of teeth per inch.
- Smooth finish obtained by using shearing cut toward left.

Length Inch	mm	Packed	Code No. Made in USA	Code No. Made in Brazil	Weight per doz. g	Shelf Pack
8	200	Boxed	**00024**	**0012030800***	1361	12
10	250	Boxed	**00047**	**0012031000***	3289	6

*Discontinued, while quantity lasts

Aluminum Files – Type "A" Half Round



- Special tooth construction eliminates clogging when filing aluminum.
- Half-round shape
- Double-cut
- Smooth finish obtained by using shearing cut toward left.

Length Inch	mm	Packed	Code No.	Weight per doz. g	Shelf Pack
10	250	Boxed	**00161**	2608	6

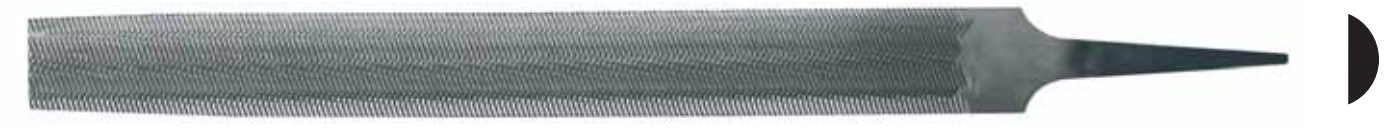
Bodifiles



- For those who work on automobile bodies, particularly in blending solder with sheet metal.
- Rectangular shape
- Files have teeth on convex side only.
- Files have offset tangs for knuckle clearance in filing large sheet metal surfaces.
- D/C refers to double-cut
- For fine finishing steel surfaces.

Type	Teeth per Inch	Size Inch x Inch	Packed	Code No.	Bend "R" Inch	Bend "R" mm	Weight per doz. g	Shelf Pack
50-404 D/C	20	1 $^{11}/_{32}$" x $^{5}/_{16}$"–14 Flat Bent	Boxed	**03184**	196	4981	7541	6

Cabinet Files



- Used by cabinetmakers and woodworkers.
- Files are half-round in section.
- Teeth are slightly finer than those of wood files.
- Radius is larger and thinner than regular half-round files.

Length Inch	Length mm	Packed	Code No.	Weight per doz. g	Shelf Pack
10	250	Boxed	**01260**	2466	6

Cantsaw Files



- Used for sharpening crosscut saws with “M” teeth, circular saws and saw teeth with less than 60° angle.
- Triangular shape
- Single-cut
- Edges set and cut
- Same number of teeth per inch as mill bastard files of equivalent length.
- Supplied with “cut back”

Length Inch	Length mm	Packed	Code No.	Weight per doz. g	Shelf Pack
6	150	Boxed	**01327**	652	12

Chain Saw Files – Round Smooth



- Round shape
- Smooth-cut
- Carded files, 3 files on card

Length Inch	Length mm	Diameter Inch	Diameter mm	Type	Code No.	Packed	Weight per Shelf Pack g	Shelf Pack
6	150	1/8	3,20	**610**	**0011266100**	Boxed	90	6
6	150	9/64	3,60	**615**	**0011266150**	Boxed	110	6
6	150	5/32	4,00	**620**	**0011266200**	Boxed	120	6
6	150	5/32	4,00	**620**	**0015266200**	Carded	260	4
8	200	5/32	4,00	**825**	**0011268250**	Boxed	130	6
8	200	11/64	4,50	**827**	**0011268270**	Boxed	150	6
8	200	11/64	4,50	**827**	**0015268270***	Carded	380	4
8	200	3/16	4,80	**83**	**0011268300**	Boxed	180	6
8	200	3/16	4,80	**83**	**0015268300**	Carded	440	4
8	200	13/64	5,20	**832**	**0011268320**	Boxed	210	6
8	200	7/32	5,60	**835**	**0011268350**	Boxed	240	6
8	200	7/32	5,60	**835**	**0015268350**	Carded	560	4
8	200	1/4	6,40	**84**	**0011268400**	Boxed	260	6

*Discontinued, while quantity lasts

Chain Saw Files – Flat



- Used for cutter-raker type (2 round edges) chain saw.
- Rectangular shape

Type	Length Inch	Length mm	Packed	Code No.	Weight per doz. g	Shelf Pack
16	6	150	Boxed	**0011251600**	767	12
18	8	200	Boxed	**0011251800***	1304	12

*Discontinued, while quantity lasts

Crosscut – Great American



- Used for sharpening saws of Great American type and varieties of crosscut saws.
- Triangular shape
- Single-cut
- Rounded back and thin edge are cut.
- Same number of teeth per inch as mill bastard files of equivalent length.
- Rounded back used to deepen rounded gullets of saw teeth.

Length Inch	Length mm	Packed	Code No.	Weight per doz. g	Shelf Pack
8	200	Boxed	**02435**	1474	12
10	250	Boxed	**02465**	2835	12

Double Ender Files



- Triangular shape
- Sides and edges are single-cut from points to center giving full use of file.
- All files supplied with handles.
- Single-cut

Length Inch	Length mm	Packed	Code No.	Weight per doz. g	Shelf Pack
6	150	Boxed	**02884M**	312	12
7	175	Boxed	**02905M**	369	12
8	200	Boxed	**02926M**	567	12

Farmer's Own Files



- General purpose file suited for agricultural use.
- Rectangular shape
- Single-cut
- Safe edges
- Length measured exclusive of handle.
- Convenient hang up hole

Length Inch	Length mm	Packed	Code No. Made in USA	Code No. Made in Brazil	Weight per doz. g	Shelf Pack
8	200	Boxed	**06649**	**0013290800***	2155	12
10	250	Boxed	**06668**	**0013291000***	4508	12

*Discontinued, while quantity lasts

Flat Files



- Used by machinists, machinery builders, ship and engine builders, repairman and others who require rapid removal of metal.
- Rectangular in cross section and taper slightly towards point in width.
- Double-cut on sides, single-cut on edges.
- American pattern, available in bastard, second and smooth-cut.
- Boxed

Length		Bastard Cut Code No.		Second Cut Code No.		Smooth Cut Code No.		Weight per doz.	Shelf Pack
Inch	mm	Made in USA	Made in Brazil	Made in USA	Made in Brazil	Made in USA	Made in Brazil	g	
4	100	–	**0012000401***	**03401**	**0012000402***	**03434**	**0012000403***	255	12
6	150	**03467**	**0012000601**	**03500**	**0012000602**	**03533**	**0012000603***	709	12
8	200	**03566**	**0012000801**	**03599**	**0012000802**	**03632**	**0012000803***	1701	12
10	250	**03665**	**0012001001**	**03698**	**0012001002**	**03731**	**0012001003***	3261	6
12	300	**03764**	**0012001201***	**03797**	**0012001202***	**03830**	**0012001203***	5103	6
14	350	**03863**	**0012001401***	**03896**	**0012001402***	**03929**	**0012001403***	7541	6

*Discontinued, while quantity lasts

Half Round Files



- Used on concave, convex and flat surfaces.
- Rounded on 1 side, flat on opposite.
- Backs of all half-round bastard files are double-cut.
- Backs of all half-round second-cut files longer than 6" are double-cut.
- Backs of all 4 and 6" files are single-cut.
- Backs of all half-round smooth files are single-cut.
- Flat sides of all half-round files are double-cut.
- Boxed

Length		Bastard Cut Code No.		Second Cut Code No.		Smooth Cut Code No.		Weight per doz.	Shelf Pack
Inch	mm	Made in USA	Made in Brazil	Made in USA	Made in Brazil	Made in USA	Made in Brazil	g	
4	100	**04695**	**0012300401**	**04729**	**0012300402**	**04762**	**0012300403**	284	12
6	150	**04795**	**0012300601**	**04828**	**0012300602**	**04861**	**0012300603**	709	12
8	200	**04896**	**0012300801**	**04927**	**0012300802**	**04960**	**0012300803**	1503	12
10	250	**04995**	**0012301001**	**05026**	**0012301002**	**05059**	**0012301003**	2750	6
12	300	**05094**	**0012301201**	**05125**	**0012301202**	**05158**	**0012301203**	4763	6
14	350	**05194**	–	**05225**	–	**05258**	–	7371	6



- Rectangular shape
- Double-cut
- 1 safe edge
- Same coarseness as flat files of corresponding lengths.
- Boxed

Length		Bastard Cut Code No.		Second Cut Code No.		Smooth Cut Code No.		Weight per doz.	Shelf Pack
Inch	mm	Made in USA	Made in Brazil	Made in USA	Made in Brazil	Made in USA	Made in Brazil	g	
4	100	**05652**	**0012100401**	**05675**	**0012100402**	**05698**	**0012100403**	397	12
6	150	**05738**	**0012100601**	**05771**	**0012100602**	**05804**	**0012100603**	794	12
8	200	**05853**	**0012100801**	**05886**	**0012100802**	**05919**	**0012100803**	1758	12
10	250	**05968**	**0012101001**	**06001N**	**0012101002**	**06034**	**0012101003**	3402	6
12	300	**06084**	**0012101201**	**06117**	**0012101202**	**06150**	**0012101203**	7768	6
14	350	**06198**	–	–	–	–	–	7836	6

Knife Files



- Used primarily by tool and die makers with work having acute angles.
- Triangular shape
- Double-cut on sides, single-cut on sharp edge.
- Knife files are supplied with safe backs.
- Boxed

Length		Bastard Cut Code No.		Second Cut Code No.		Smooth Cut Code No.		Weight per doz.	Shelf
Inch	mm	Made in USA	Made in Brazil	Made in USA	Made in Brazil	Made in USA	Made in Brazil	g	Pack
4	100	**06711**	**0012700401***	**06742**	–	**06773**	**0012700403**	170	12
6	150	**06804**	**0012700601**	**06836**	**0012700602**	**06867**	**0012700603**	539	12
8	200	**06898**	**0012700801**	**06930**	**0012700802**	**06961**	**0012700803**	1134	12
10	250	**06992**	**0012701001**	**07023**	**0012701002**	**07054**	**0012701003***	2098	12

*Discontinued, while quantity lasts

Long Angle Lathe Files – Bastard



- Rapid, free cutting files designed for lathe filing.
- Rectangular shape
- Single-cut
- Safe edges to protect shoulder or dog.
- Made on flat blanks in bastard-cut.
- Cut faster than regular mill files and leave smoother finish.
- Boxed

Length			Weight per doz.	Shelf
Inch	mm	Code No.	g	Pack
10	250	**07657**	3260	6
12	300	**07688**	5103	6
14	350	**07719**	7541	6

Long Angle Lathe Files – Fine



- Specially designed for finishing rapid stock removal on lathe work.
- Rectangular shape
- Safe edges
- Cut faster than regular mill files and leave smoother finish.
- Boxed

Length		Code No.	Code No.	Weight per doz.	Shelf
Inch	mm	Made in USA	Made in Brazil	g	Pack
10	250	**07842**	**0012191002***	1730	6
12	300	**07851**	–	2638	6
14	350	**07863**	–	3998	6

*Discontinued, while quantity lasts

Magicut® Files – Flat

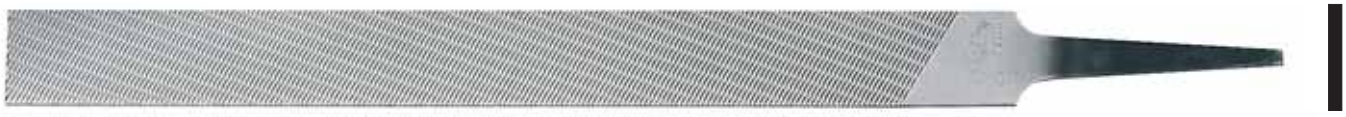




- Used by machinists as all-purpose file to remove stock rapidly and to leave a smooth finish.
- Tapered point in width
- File features a pattern of narrow chip breakers created by steep and angled serrations for rapid removal and smoother finish.
- Boxed

Length Inch	Length mm	Code No.	Weight per doz. g	Shelf Pack
8	200	**07894**	1701	12
10	250	**07917**	3260	6
12	300	**07941**	5103	6

Magicut® Files – Hand



- Used by machinists as all-purpose file to remove stock rapidly and to leave a smooth finish.
- Rectangular shape
- Parallel edges full length
- File features a pattern of narrow chip breakers created by steep and angled serrations for rapid removal and smoother finish.
- Boxed

Length Inch	Length mm	Code No.	Weight per doz. g	Shelf Pack
8	200	**0012110800**	1740	12
10	250	**0012111000**	3360	6

Mill Blunt Files



- Used for sharpening mill or circular saws.
- Also for draw-filing and finishing metals.
- Rectangular shape
- Single-cut on sides and edges.
- 1 or 2 round edges and parallel edges.
- Boxed

Length Inch	Length mm	Type Cut	Two Square Edges Code No.	One Round Edge Code No.	Two Round Edges Code No.	Weight per doz. g	Shelf Pack
6	150	Bastard	**0011160601***	–	–	600	12
8	200	Bastard	**0011160801**	–	–	1320	12
10	250	Bastard	**0011161001**	–	–	2640	12
12	300	Bastard	**0011161201***	–	–	4440	6
8	200	2nd cut	**0011160802**	–	–	1380	12
12	300	2nd cut	**0011161202***	–	–	4380	6
6	150	2nd cut	–	**0011170602**	–	600	12
8	200	2nd cut	–	**0011170802***	–	1320	12
10	250	2nd cut	–	**0011171002**	–	2580	12
12	300	2nd cut	–	**0011171202**	–	4320	6
6	150	2nd cut	–	–	**0011180602**	540	12
8	200	2nd cut	–	–	**0011180802**	1320	12
10	250	2nd cut	–	–	**0011181002**	2400	12

*Discontinued, while quantity lasts (0011170802 will be replaced by 10165)

Pillar File



- Used mostly by machinists for filing slots and keyways.
- Similar to hand files but narrower.
- Rectangular cross section
- 1 safe edge

Length Inch	Length mm	Packed	Type Cut	Code No.	Weight per doz. g	Shelf Pack
8	200	Boxed	Bastard	**11118**	1673	12

Square Files



- Used on slots, keyways and general surface filing.
- Square shape
- Double-cut
- Tapered slightly towards point
- Larger sizes frequently preferred to corresponding flat files because of heavier section and 4 filing surfaces.
- Boxed

Length		Width		Bastard Cut Code No.		Second Cut Code No.		Smooth Cut Code No.		Weight per doz.	Shelf
Inch	mm	Inch	mm	Made in USA	Made in Brazil	Made in USA	Made in Brazil	Made in USA	Made in Brazil	g	Pack
4	100	5/32	4	**12790**	**0012400401**	**–**	**12824**	**12857**	**0012400403**	113	12
5	125	3/16	5	–	**0012400501**	–	**0012400502**	–	**0012400503**	240	12
6	150	1/4	6	**12967**	**0012400601**	**–**	**13000N**	**13033**	**0012400603**	482	12
8	200	5/16	8	**13081**	**0012400801**	**–**	**13114**	**–**	**13147**	879	12
10	250	3/8	10	**–**	**13196**	**13229**	**0012401002**	**13262**	**0012401003**	1758	12
12	300	1/2	13	**13310**	**0012401201**	**–**	**13343**	**13376**	**0012401203***	3799	6

*Discontinued, while quantity lasts

Round Files



- Primarily used to file circular openings or concave surfaces.
- Round shape
- All 4, 5, 6, 8, 10, 12" files are single-cut
- 14" bastard file is double-cut
- Tapered slightly towards point
- Boxed

Length		Diameter		Bastard Cut Code No.	Second Cut Code No.	Smooth Cut Code No.	Weight per doz.	Shelf
Inch	mm	Inch	mm				g	Pack
4	100	1/8	3	**0012500401**	**0012500402**	**0012500403**	113	12
5	125	3/16	5	**11637**	**–**	**0012500503**	255	12
6	150	1/4	6	**0012500601**	**11748**	**0012500603**	397	12
8	200	5/16	8	**0012500801**	**11936**	**0012500803**	624	12
10	250	3/8	10	**12019**	**0012501002**	**12084**	1446	12
12	300	1/2	13	**0012501201**	**12166**	**0012501203**	3090	6
14	350	5/8	16	**12248**	**–**	–	5415	6

Taper (Triangular) Saw Files

Number of Saw Points	Files Recommended
5	7"/178 mm Taper Regular
5 1/2	7"/178 mm Taper Regular
6	7"/178 mm or 8"/200 mm Slim
7	6"/150 mm or 7"/178 mm Slim
8	6"/150 mm Slim
	7"/178 mm Extra Slim
	8"/200 mm Double Extra Slim
9	6"/150 mm Extra Slim
	7"/178 mm Double Extra Slim
10	5"/127 mm of 6"/150 mm Extra Slim
11	5"/127 mm Extra Slim
	6"/150 mm Double Extra Slim
12	5"/127 mm Extra Slim
13 and 14	5"/127 mm Double Extra Slim
15 and 16	4"/102 mm Double Extra Slim

- Made for filing saws with 60° angle teeth
- Triangular shape
- Single-cut
- Edges set and cut for filing gullets between saw teeth.
- In filing handsaws, it is important to select the right file.
- In general, the table lists suggested size and type of file that will give best results.

Taper Files – Regular and Heavy



- Triangular shape
- Boxed
- Edges set and cut for filing gullets between saw teeth.
- Tapers slightly towards the point.

Length Inch	Length mm	Code No. Made in USA	Code No. Made in Mexico	Weight per doz. g	Shelf Pack
Regular					
3 1/2	88	–	**0011000350**	180	12
4	100	**13727M**	**0011000400**	311	12
4 1/2	113	**13750M**	**0011000450**	425	12
5	125	**13772M**	**0011000500**	567	12
6	150	**13807**	**0011000600**	907	12
7	175	**13841**	**0011000700**	1332	12
8	200	**13875**	**0011000800**	1956	12
10	250	**13930**	**0011001000***	3402	12
Heavy					
7	175	–	**0011070700**	1680	12
8	200	–	**0011070800**	2400	12

* Made in Brazil

Taper Files – Slim



- Triangular shape
- Boxed
- Edges set and cut for filing gullets between saw teeth.

Length Inch	Length mm	Code No. Made in USA	Code No. Made in Mexico	Weight per doz. g	Shelf Pack
4	100	**14106**	**0011090400**	170	12
4 1/2	113	**14139**	**0011090450**	226	12
5	125	**14162**	**0011090500**	255	12
6	150	**14224**	**0011090600**	482	12
7	175	**14255**	**0011090700**	765	12
8	200	**14290**	**0011090800***	1191	12

*Made in Brazil

Taper Files – Extra Slim



- Triangular shape
- Boxed
- Edges set and cut for filing gullets between saw teeth.

Length Inch	Length mm	Code No. Made in USA	Code No. Made in Mexico	Weight per doz. g	Shelf Pack
4	100	**14547**	**0011100400**	113	12
4 1/2	113	**14579**	**0011100450***	141	12
5	125	**14599**	**0011100500**	170	12
6	150	**14665**	**0011100600**	312	12
7	175	**14698**	**0011100700**	539	12
8	200	**14729**	**0011100800***	851	12

*Made in Brazil

Taper Files – Double Extra Slim



- Triangular shape
- Boxed
- Edges set and cut for filing gullets between teeth.

Length Inch	Length mm	Packed	Code No.	Weight per doz. g	Shelf Pack
4	100	Boxed	**0011120400**	82	12
5	125	Boxed	**0011120500**	142	12

Taper Files – Bandsaw Regular and Heavy



- For filing and sharpening bandsaws.
- Triangular shape
- Edges set and cut for filing gullets between saw teeth.
- Boxed

Length Inch	Length mm	Code No.	Weight per doz. g	Shelf Pack
Regular				
5	125	**0011010500**	540	12
6	150	**0011010600**	900	12
7	175	**0011010700**	1320	12
8	200	**0011010800**	1920	12
Heavy				
6	150	**0011080600**	1080	12
7	175	**0011080700**	1640	12
8	200	**0011080800**	2360	12

Taper Files – Machine Bandsaw Blunt



- File is blunt over the whole body length.
- Triangular shape
- Edges set and cut for filing gullets between saw teeth.
- Boxed

Length Inch	Length mm	Code No.	Weight per doz. g	Shelf Pack
8,5	210	**0011060850**	1980	12

Three Square Files



- For general use by machinists for filing internal angles more acute than right angles, clearing out square corners and filing taps and gutters.
- Triangular shape
- Double-cut
- Sharp corners are slightly set and cut.
- Cut to the point
- Boxed

Length		Bastard Cut Code No.		Second Cut Code No.		Smooth Cut Code No.		Weight per doz.	Shelf
Inch	mm	Made in USA	Made in Brazil	Made in USA	Made in Brazil	Made in USA	Made in Brazil	g	Pack
4	100	**15803M**	**0012600401**	–	**0012600402**	–	**0012600403**	340	12
5	125	–	**0012600501**	–	**0012600502**	–	**0012600503**	540	12
6	150	**15925**	**0012600601**	**15958**	**0012600602**	**15991**	**0012600603**	879	12
8	200	**16036**	**0012600801**	**16069**	**0012600802**	**16102**	**0012600803**	1928	12
10	250	**16147**	**0012601001**	**16180**	**0012601002**	–	**16213**	3402	12
12	300	**16258**	**0012601201**	**16291**	**0012601202**	–	**0012601203**	5216	6

Tungsten Point Files



- Designed for dressing distributor points that are tipped with tungsten, iridium and similar metals.
- Thin rectangular shape
- Double-cut
- 5 1/4" overall
- Chisel tip of file enters slots or gaps easily.
- Approximate size 5/16" / 8 mm x 0,044" / 1,10 mm.
- Available with attractive carded display.
- Code No. 02381 contains 12 files.

Length				Weight per doz.	Shelf
Inch	mm	Packed	Code No.	g	Pack
5 1/4	133	Boxed	**02373**	1134	12
5 1/4	133	12/cd	**02381**	1588	12

Warding Files



- Used primarily by locksmiths in repairing and filing ward notches in keys.
- Thin rectangular shape
- Double-cut on sides, single-cut on edges
- Also suited for use in narrow spaces where other files will not fit.

Length Inch	Length mm	Bastard Cut Code No.	Second Cut Code No.	Smooth Cut Code No.	Weightper doz. g	Shelf Pack
4	100	**16507**	**16540**	**16573**	142	12
6	150	**16663**	**16696**	**16729**	369	12
8	200	**16761**	**16794**	**16827**	737	12

Cabinet Rasps



- Used by cabinetmakers and woodworkers.
- Half-round
- Single-cut on edges
- Curved side of rasps similar to half-round rasps but has larger radius.
- Boxed

Length		Regular (Second Cut) Code No.		Weight per doz.	Shelf
Inch	mm	Made in USA	Made in Brazil	g	Pack
8	200	–	**0013090801**	1361	12
10	250	**17683**	**0013091001**	2466	6
12	300	**17751**	**0013091201**	4224	6

Horse Rasp – Plain $^{1}/_{2}$ File



- Some farriers prefer this thin fine-toothed rasp for shoeing racetrack, riding horses and ponies.
- Plain horse rasps are double-ended with rasp teeth on 1 side, file teeth on opposite.
- Rectangular shape
- Boxed

Length				Weight per doz.	Shelf
Inch	mm	Type	Code No.	g	Pack
14	350	Regular	**17903**	8902	6

Farrier's Handy Rasp



- Rectangular shape
- Single-cut on edges
- Comfortable cushion grip at point and handle.
- Rasp teeth on 1 side, file teeth on opposite.
- Rasp cut is 6 teeth per row (other horse rasps have 5 teeth per row).
- Body is the same as the 14" Plater's Special.
- Boxed

Length			Weight per doz.	Shelf
Inch	mm	Code No.	g	Pack
14	350	**18155**	8591	5

Horse Rasps – Tanged



- Rectangular shape
- Single-cut on edges
- Tanged
- Rasp teeth on 1 side, file teeth on opposite.
- Thicker than Plater's Special – ideal for hot rasping.
- Boxed

Length Inch	Length mm	Code No.	Weight per doz. g	Shelf Pack
12	300	**18035**	8165	6
14	350	**18057**	12020	6

Farrier Rasp – Double Extra Thin



- Primarily for race track and other horses with light shoes.
- Both sides are safe $^{7}/_{8}$" / 22 mm at point.
- Rasp teeth on 1 side, file teeth on opposite.
- Rasp cut is 6 teeth per row (other horse rasps have 5 teeth per row).
- Rectangular shape
- 18" rasp is specially designed for draft horses.
- Sharper than regular horse rasps.
- Double extra thin
- Boxed

Length Inch	Length mm	Code No.	Weight per doz. g	Shelf Pack
14	350	**18156N***	7428	6
14	350	**18157**	7428	6
14	350	**HR14**	7428	6
18	450	**18180**	9639	6

* Aggressive cut – Black Diamond® Brand

Magicut® Plater's Special Horse Rasp



- Maximum cutting surface design gives rapid removal and smoother finish.
- Single-cut on edges
- Opposite side has Nicholson's® unique Magicut® file pattern of narrow chip breakers created by steep and angled serrations.
- Rectangular shape
- Tooth design is cut deeper to last longer and cut much faster than conventional horse rasps.
- Rasp cut is 6 teeth per row (other horse rasps have 5 teeth per row).
- Boxed

Length Inch	Length mm	Code No.	Weight per doz. g	Shelf Pack
14	350	**18130**	7144	6

Pattern Maker's Cabinet Rasp



- Used primarily by cabinetmakers.
- Half-round shape
- Narrow pattern, cut edges
- Used when smooth wood finish is required.
- Boxed

Length Inch	Length mm	Type	Cut	Code No.	Weight per doz. g	Shelf Pack
10	250	49	Second cut	**18846**	1644	6

4-in-Hand® (Formerly Shoe Rasp)



- For the homeowner, home craftsman, boat builder and mechanic.
- Half-round shape
- Has file section and rasp section on both flat side and half-round side.
- Boxed

Length Inch	Length mm	Code No.	Weight per doz. g	Shelf Pack
8	200	**18924**	1871	6

Wood Rasps – Half Round



- Used by woodworkers, hobbyists and plumbers.
- Half-round shape
- Single-cut file teeth on edge.
- For use on wood and soft metals.
- Boxed

Length Inch	Length mm	Bastard Cut Code No. Made in USA	Bastard Cut Code No. Made in Brazil	Second Cut Code No. Made in USA	Second Cut Code No. Made in Brazil	Weight per doz. g	Shelf Pack
8	200	**19394**	**0013140801**	**19575**	**0013140802**	1559	12
10	250	**19427**	**0013141001**	**19593**	**0013141002**	2948	6
12	300	**19460**	**0013141201**	–	–	4763	6

Wood Rasps Round Bastard



- Used for same purpose as regular wood rasps in places for which their shapes make them particularly effective.
- Round shape
- Bastard-cut
- Made from same size steel as round files.
- Boxed

Length Inch	Length mm	Diameter inch	Diameter mm	Code No.	Weight per doz. g	Shelf Pack
8	200	5/16	8	**19846**	624	12
10	250	3/8	10	**19875**	1474	12

Nicholson™ X.F® Files Swiss Pattern

- Made to more exacting measurements than American pattern files.
- Made in finer cuts, which vary from No. 00 (coarsest) to No. 6 (finest).
- Used by tool and die makers, jewelers, model makers and home craftsman.
- Recommended for those who do superfine precision filing.

Barrette Files



- Double-cut, wide flat sides
- Flat on 1 side, backs are beveled on edges as indicated by cross section.
- Back and beveled edges are safe.
- Included angle is 33°.
- Boxed

Length Inch	Length mm	Code No.	Cut No.	Weight per doz. g	Shelf Pack
4	100	**35025**	00	255	12
4	100	**35031**	0	255	12

Half Round Files



- Used by tool and die makers, jewelers, model makers and home craftsman.
- Half-round shape
- Double-cut on both flat and half-round sides.
- Taper in thickness and width to point.
- Boxed

Length Inch	Length mm	Code No.	Cut No.	Weight per doz. g	Shelf Pack
6	150	**36533**	2	539	12
6	150	**36545**	4	539	12

Hand Files



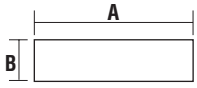
- Used by tool and die makers, jewelers, model makers and home craftsman.
- Rectangular shape
- Double-cut sides
- Cut numbers 0 and 2 are single-cut on 1 edge, other is safe.
- Parallel in width but taper in thickness.
- Boxed

Length Inch	Length mm	Code No.	Cut No.	Weight per doz. g	Shelf Pack
6	150	**36755**	2	1049	12
8	200	**36785***	0	2070	6
8	200	**36797**	2	2070	6

*Discontinued, while quantity lasts

Needle Files

- Used primarily by jewellers, die makers, watchmakers and fine toolmakers.
- With round, knurled handles.





Assortments of 12 Shapes Packed in Protective Pouch

Length Inch	Length mm	Code No.	Cut No.	Weight per doz. g	Shelf Pack
4	100	**0014470402**	2	116	1
5 1/2	140	**0014470552**	2	138	1
6 1/4	160	**0014470600**	0	148	1
6 1/4	160	**0014470602**	2	150	1

	Length mm	A x B mm
Pillar	100	3,5 x 0,9
	140	4,8 x 1,1
	160	5,4 x 1,2
Halfround	100	3,8 x 1,1
	140	5,1 x 1,5
	160	5,6 x 1,7
Crossing	100	3,5 x 1,4
	140	4,4 x 1,8
	160	5,1 x 2,0

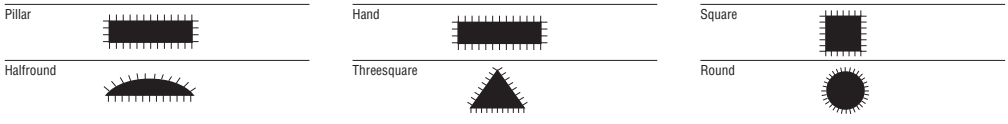
	Length mm	A x B mm
Knife	100	4,0 x 1,1
	140	5,0 x 1,4
	160	5,4 x 1,5
Hand	100	3,4 x 0,9
	140	4,8 x 1,1
	160	5,4 x 1,2
Threesquare	100	2,8
	140	3,5
	160	3,8

	Length mm	A x B mm
Square	100	1,7
	140	2,2
	160	2,4
Round	100	2,1
	140	2,8
	160	2,9
Barrette	100	3,7 x 1,4
	140	4,7 x 1,7
	160	5,1 x 1,8

	Length mm	A x B mm
Slitting	100	4,6 x 1,6
	140	5,5 x 1,9
	160	6,1 x 2,1
Joint File round edges	100	3,8 x 1,0
	140	4,8 x 1,2
	160	5,4 x 1,3
Halfround, cut on back only	100	3,8 x 1,2
	140	5,1 x 1,5
	160	5,6 x 1,8

Assortments of 6 Shapes Packed in Protective Plastic Pouch

Length Inch	Length mm	Code No.	Cut No.	Weight g	Shelf Pack
6 1/4	160	**0014471602**	2	65	1



Needle Files

8 Individual Shapes, 12 Files in a Box

Shape	Length Inch	Length mm	Code No.	Cut No.	Weight g	Shelf Pack
Pillar	6 1/4	160	**0014210600**	0	108	12
	6 1/4	160	**0014210602**	2	96	12
Hand	6 1/4	160	**0014220600**	0	108	12
	6 1/4	160	**0014220602**	2	96	12
Halfround	6 1/4	160	**0014230600**	0	108	12
	6 1/4	160	**0014230602**	2	108	12
Threesquare	6 1/4	160	**0014240600**	0	96	12
	6 1/4	160	**0014240602**	2	96	12
Square	6 1/4	160	**0014250600**	0	84	12
	6 1/4	160	**0014250602**	2	84	12
Round	6 1/4	160	**0014260600**	0	84	12
	6 1/4	160	**0014260602**	2	84	12
Knife	6 1/4	160	**0014270600**	0	96	12
	6 1/4	160	**0014270602**	2	96	12
Crossing	6 1/4	160	**0014280600**	0	120	12
	6 1/4	160	**0014280602**	2	120	12

Pillar Files



- Rectangular in shape
- Double-cut on 2 sides only
- Safe edges
- Tapered in thickness
- Similar in shape to hand files but only 2/3 as wide.
- Boxed

Length Inch	Length mm	Code No.	Cut No.	Weight per doz. g	Shelf Pack
6	150	**39905**	1	737	12
6	150	**39911**	2	737	12
6	150	**39923**	4	737	12
8	200	**39935**	0	1588	6
8	200	**39947**	2	1588	6

Pillar Narrow Files



- Rectangular shape
- Narrow
- Double-cut on 2 sides only
- Safe edges
- Similar to pillar files but are narrower for their length.
- Boxed

Length Inch	Length mm	Code No.	Cut No.	Weight per doz. g	Shelf Pack
6	150	**40076**	0	567	12
6	150	**40088**	2	567	12

Three Square Files



- Triangular in section with angles of 60°.
- Double-cut on three sides, single-cut on edges.
- Taper to point and have sharp corners.
- Boxed

Length Inch	Length mm	Code No.	Cut No.	Weight per doz. g	Shelf Pack
6	150	**41498**	2	737	12

Nicholson™ Curved Tooth Files

- Made on specially designed and improved Nicholson™ machinery.
- Fitted for smooth, rapid work on cast iron, bronze, lead, babbit, aluminum, zinc, plastics and any steel up to the hardness of annealed tool steel.
- Pitch and rake designed to avoid pinning and to provide smoothest finish.
- Superior® milled tooth files.

Flexible Files (Without Tang)



- Ideal for smooth, rapid work on cast iron, bronze, lead, babbitt, aluminum, zinc, plastics and any steel up to the hardness of annealed tool steel.
- Rectangular shape
- Curved-cut
- Pitch and rake designed to avoid pinning and to provide smoothest finish.
- Boxed

Length Inch	Length mm	Code No.	No. of Teeth Per Inch/Cut	Weight per doz. g	Shelf Pack
12	300	**20138**	10/Standard	2495	6
14	350	**20205**	12/Fine	3204	6

Milled Tooth Bodifiles



- Ideal for smooth, rapid work on cast iron, bronze, lead, babbitt, aluminum, zinc, plastics and any steel up to the hardness of annealed tool steel.
- Rectangular shape
- Curved-cut
- Pitch and rake designed to avoid pinning and to provide smoothest finish.
- Boxed

Length Inch	Length mm	Type	Code No.	No. of Teeth Per Inch/Cut	Weight per doz. g	Shelf Pack
14	350	**50-908**	**20189**	8/Standard	3204	6

Flat Files – Rigid Type (With Tang)



- Ideal for smooth, rapid work on cast iron, bronze, lead, babbitt, aluminum, zinc, plastics and any steel up to the hardness of annealed tool steel.
- Rectangular shape
- Curved-cut
- Rigid type with tang
- Pitch and rake designed to avoid pinning and to provide smoothest finish.
- Boxed

Length Inch	Length mm	Code No.	No. of Teeth Per Inch/Cut	Weight per doz. g	Shelf Pack
12	300	**20342**	10/Standard	4224	6
14	350	**20393**	8/Standard	6747	6

Super Shear®



- A double purpose milled curved tooth file – different and exclusive with Nicholson™.
- Rectangular shape
- Curved-cut
- Teeth cut in an off center arc to permit fast cutting.
- Wide industrial usage on flat and convex surfaces of aluminum, brass, babbitt, bronze, copper, magnesium, iron, annealed steel, soft metal alloys, plastics, hard rubber and hardwood.
- Smooths as it roughs.
- Boxed

Length Inch	Length mm	Code No.	No. of Teeth Per Inch/Cut	Weight per doz. g	Shelf Pack
10	250	**21067**	12/Standard	2665	6
12	300	**21118**	10/Standard	4224	6

Adjustable Flexible File Holder No. 25



- For curved tooth files without tang.
- Can be used with either 12" or 14" files.
- Easily adjusted for curving file outward or inward.
- Boxed

No.	Code No.	Weight per doz. g	Shelf Pack
25	**21272**	907	1

Ergonomic File Handle



- 5 Interchangeable cushion inserts are designed to fit most popular files.
- Rubber-coated ergonomic shape for better comfort and control.
- Rear taper, wide middle and flared neck increases push force.
- Bagged

Code No.	Description	Weight per Shelf Pack g	Shelf Pack
0010000150	Ergonomic File handle and inserts	350	6

File Handles – Plastic



- Handle made of strong high-impact material, contoured to fit hand for straight, lathe and draw filing.
- Non-slip textured finish for easier grip.
- Bulk packed
- Suitable for file:
  No. 1: 6" files, 8" round and square
  No. 2: 8" and 10" files, 6" threesquare and regular taper
  No. 3: 12" files

Type	Code No.	Description	Weight g	Shelf Pack
No. 1	**0010000116**	File handle with insert	25	10
No. 2	**0010000118**	File handle with insert	32	10
No. 3	**0010000120**	File handle with insert	50	10

Wooden File Handles – Metal Ferruled

- Made from close grain hardwood with strong nickel-plated metal ferrules.
- Varnished finish
- Bulk packed



Length mm	Diameter mm	Code No.	For File Length Inch	mm	Weight g	Shelf Pack
110	12	**0010000012**	4	100	56	1
111	14	**0010000014**	5	125	60	1
113	16	**0010000016**	6	150	64	1
117	18	**0010000018**	7	175	68	1
120	20	**0010000020**	8	200	72	1
134	22	**0010000022**	9	225	76	1
134	24	**0010000024**	10	250	80	1
140	26	**0010000026**	12	300	84	1
140	28	**0010000028**	14	350	88	1

Sleeves for Files – Plastic

- For files without handle.
- With hang hole for easy storage.

Code No.	For File Length Inch	mm	Weight per doz. g	Shelf Pack
0010000204	4	100	24	12
0010000206	6	150	38	12
0010000208	8	200	72	12
0010000210	10	250	108	12
0010000212	12	300	156	12

5 Piece Ergonomic File Set

- Assortment of machinist's files.
- With ergonomic, co-molded handle.
- Consist of Square, Round, Halfround, Hand and Threesquare.



Type	Length Inch	mm	Cut	Code No.	Weight g	Shelf Pack
NFK1	8	200	2nd cut	**0012990800**	750	6
NFK2	10	250	2nd cut	**0012991000**	930	6

3 Piece Ergonomic File / Rasp Set



- With ergonomic, co-molded handle
- Consist of:
  Hand File, Bastard, 8"/ 200 mm;
  Round File, Bastard, 8"/ 200 mm;
  Halfround Woodrasp, 2nd cut, 8"/ 200 mm;

Type	Code No.	Weight in g	Shelf Pack
NFK6	**0012990820**	588	6

4"/100 mm File Assortment



- With wooden handle
- Six files in metal box or in plastic pouch.
- Consist of:
  Hand, Warding, Half Round, Square,
  Round and Slim Taper

Length Inch	Length mm	Packed	Cut	Code No.	Weight g	Shelf Pack
4	100	Metal Box	Bastard	**0012991410**	150	1
4	100	Plastic Pouch	Bastard	**0012991411**	110	1
4	100	Metal Box	2nd cut	**0012991420**	150	1
4	100	Plastic Pouch	2nd cut	**0012991422**	110	1
4	100	Metal Box	Smooth	**0012991430**	150	1
4	100	Plastic Pouch	Smooth	**0012991433**	110	1

Hobby Files



- Assortment of 6 miniature files with fine cut for intricate work.
- Consist of:
  Equaling, Half Round, Flat, Round, Square,
  and Threesquare
- Handy vinyl case vacuum packed on hang up card.
- Ideal for handycrafts and hobbies.

Length Inch	Length mm	Description	Code No.	Weight per Shelf Pack g	Shelf Pack
5 $^{1}/_{2}$	140	Assorted	**42030**	340	3

Nicholson™

MultiMax Pro

- 14 tools in one
- All stainless steel components
- Adjustable / replaceable tool components
- Blades open up from closed handles.
- Tool comes with nylon pouch that can be used in vertical or horizontal position on belt.
- 14 tools included:
  - Needle-Nose / Regular Pliers
  - Wire Cutter
  - 2 Slotted Screwdrivers
  - Phillips® Screwdriver
  - Drop Point Blade
  - Serrated Edge Blade
  - Metric / English Ruler (measures up to 8"/20 cm)
  - Lanyard Ring
  - Can / Bottle Opener
  - Metal / Wood File
- Code No. 0010020265 packed in box
- Code No. 0010020266 packed on card



Type	Code No.	Description	Length when closed Inch	mm	Width when closed Inch	mm	Weight g	Shelf Pack
NMP12	**0010020265**	MultiMax Pro	4	100	1 3/16	30	240	6
NMP12	**0010020266**	MultiMax Pro	4	100	1 3/16	30	275	6

MultiMax Pro XL



- 15 tools in one
- All stainless steel components
- Adjustable / replaceable tool components
- Blades open up from closed handles.
- Tool comes with nylon pouch that can be used in vertical or horizontal position on belt.
- 15 tools included:
  - Large Plier Head
  - Wire Cutter
  - Wire Crimper
  - Serrated Drop Point Blade
  - 3 Slotted Screwdrivers (small, medium, large)
  - Phillips® Screwdriver
  - Can / Bottle Opener
  - Lanyard Ring
  - Metal / Wood File
  - Metric / English Ruler
  - Saw
  - Awl
- Code No. 0010020268 packed in box
- Code No. 0010020269 packed on card

Type	Code No.	Description	Length when closed Inch	Length when closed mm	Width when closed Inch	Width when closed mm	Weight g	Shelf Pack
NMP15	**0010020268**	MultiMax Pro XL	4 1/2	113	1 3/8	35	270	6
NMP15	**0010020269**	MultiMax Pro XL	4 1/2	113	1 3/8	35	305	6

Spare Parts for MultiMax NMP12 and NMP15

• All stainless steel components

Code No.	Description	Application NMP12	Application NMP15	Shelf Pack
237100	Awl		x	1
237101	Can/Bottle Opener	x	x	1
237102	File	x	x	1
237103	Drop Point Blade	x		1
237104	Serrated Edge Blade	x		1
237105	Lanyard Ring	x	x	1
237106	Combination Plier	x		1
237107	Phillips® Screwdriver	x	x	1
237108	Slotted Screwdriver-Medium	x	x	1
237109	Slotted Screwdriver-Large	x	x	1
237110	Slotted Screwdriver-Small		x	1
237111	Saw		x	1
237112	Combination Plier		x	1
237113	Serrated Edge Blade		x	1
0010237099	Nylon Pouch E966	x		1
0010237098	Nylon Pouch E972		x	1
0055643600	Operating Instruction		x	1
0055618100	Operating Instruction	x		1

Bi-Metaloy® Holesaws

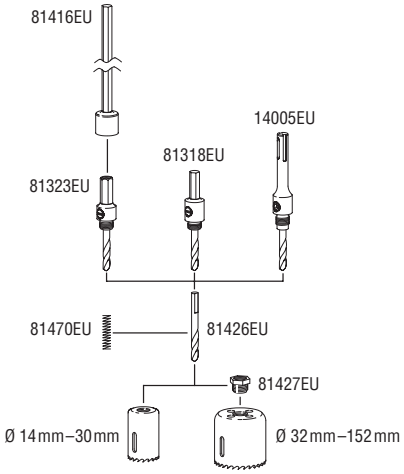


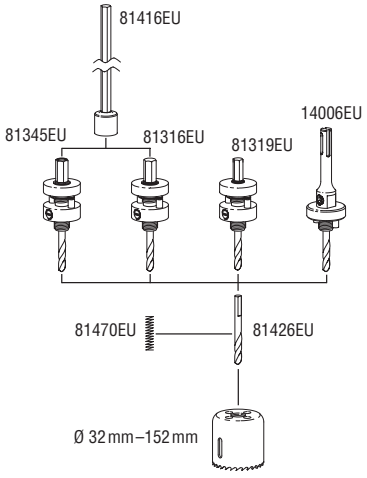
- Variable pitch design reduces vibration.
- 7° positive rake angle allows faster and easier cutting.
- Different gullet depths ensure optimal cutting results along with good chip clearance.
- Stronger base for optimal power transmission.
- Insert for electrical, pneumatic, manual and upright drills.
- Applications: steel, cast iron, brass, copper, aluminium, wood, concrete, plastics etc.
- Packed in a carton with a Euro-hang-up hole and full operating instructions.
- Holesaw's diameter 14 mm – 152 mm, cutting depth: 32 mm.

Type / Code No.	Diameter in mm	Shelf Pack
81152EU	14	1
81155EU	16	1
81158EU	17	1
81161EU	19	1
81450EU	20	1
81164EU	21	1
81167EU	22	1
81170EU	24	1
81173EU	25	1
81176EU	27	1
81179EU	29	1
81182EU	30	1
81188EU	32	1
81191EU	33	1
81197EU	35	1
81200EU	37	1
81206EU	38	1
81209EU	40	1
81212EU	41	1
81215EU	43	1
81218EU	44	1
81455EU	46	1
81224EU	48	1
81227EU	51	1
81230EU	52	1
81233EU	54	1
81236EU	57	1
81239EU	59	1

Type / Code No.	Diameter in mm	Shelf Pack
81242EU	60	1
81245EU	64	1
81248EU	65	1
81251EU	67	1
81460EU	68	1
81254EU	70	1
81257EU	73	1
81260EU	76	1
81263EU	79	1
81266EU	83	1
81269EU	86	1
81272EU	89	1
81275EU	92	1
81278EU	95	1
81281EU	98	1
81284EU	102	1
81287EU	105	1
81290EU	108	1
81296EU	114	1
81299EU	121	1
81302EU	127	1
81308EU	140	1
81314EU	152	1

Mandrels / Arbors for Bi-Metaloy® Holesaws





- The arbor and pilot drill come as a complete unit.
- Arbor with 8,5 mm shank for all Akku drill presses.
- Models 14005EU and 14006EU are to fit SDS chucks.
- 68 mm core drill for cavity wall outlets requiring flush edges.

Type / Code No.	Description	Shank size mm	Shelf Pack
81318EU	Arbor for holesaw Ø 14–30 mm	8,5 mm hexagonal shank solid	1
81323EU	Arbor for holesaw Ø 14–30 mm	11 mm hexagonal shank solid	1
81319EU	Arbor for holesaw Ø 32–152 mm	8,5 mm hexagonal shank solid	1
81316EU	Arbor for holesaw Ø 32–152 mm	11 mm hexagonal shank solid	1
81416EU	Extension, length 300 mm	11 mm hexagonal shank solid	1
14005EU	Arbor SDS Plus for holesaw Ø 14–30 mm	SDS Plus	1
14006EU	Arbor SDS Plus for holesaw Ø 32–152 mm	SDS Plus	1
81427EU	Adaptor for 81318EU and 81323EU		1
81475EU	Hole edge core drill for holesaw Ø 68 mm		1
81426EU	Pilot drill Ø 6,35 mm x 85 mm		1

- Shank with lock nut, allows fixed mounting of the holesaw.
- Quick release mechanism allows for clean removal of the waste material, from the holesaw, following usage.

Type / Code No.	Description	Shank size mm	Shelf Pack
81345EU	Arbor for holesaw Ø 32–152 mm, with counter nut	11 mm hexagonal shank solid	1
81470EU	Quick release mechanism (spring) suitable for all Bi-Metaloy® holesaws		1

Hole Edge Core Drill



- For fitting cavity wall outlets with exactly flush borders.
- The ideal tool for every electrician.
- Resharpenable cutting edges guarantee long service life and all-purpose use.
- Consist of:
  1 hole saw Bi-Metaloy® Ø 68 mm (81460EU)
  1 mandrel / arbor 81316EU
  1 hole edge core drill (81475EU)

Type / Code No.	Description	Shelf Pack
LSS683EU	Holesaw kit with edge core drill	1

Nicholson™

Hard Metal Holesaws – Flat-Cut

- Design:
  Hard metal-faced holesaws with ejection spring for manual- and upright drills, will cut anything. Can be used on all machinable materials. Sturdy construction guarantees high running precision. The special cut, ground axially and radially, ensures optimum cutting results along with good chip clearance. Resharpenable, long service life.
- Applications:
  Steel, stainless steel, glass fibre, aluminium etc.
- Flat-cut for material strength up to 4 mm and stainless steel up to 2 mm.
- Packed in plastic box with hang-up hole.



Type	Code No.	Diameter mm	Shank Diameter mm	Tank Thread	Shelf Pack
HM-F15,2	**0022015200**	15,2	10	PG9	1
HM-F16	**0022016000**	16	10		1
HM-F17	**0022017000**	17	10		1
HM-F18	**0022018000**	18	10		1
HM-F18,6	**0022018600**	18,6	10	PG11	1
HM-F19	**0022019000**	19	10		1
HM-F20	**0022020000**	20	10		1
HM-F20,4	**0022020400**	20,4	10	PG13	1
HM-F21	**0022021000**	21	10		1
HM-F22	**0022022000**	22	10		1
HM-F22,5	**0022022500**	22,5	10	PG16	1
HM-F23	**0022023000**	23	10		1
HM-F24	**0022024000**	24	10		1
HM-F25	**0022025000**	25	10		1
HM-F26	**0022026000**	26	10		1
HM-F27	**0022027000**	27	10		1
HM-F28	**0022028000**	28	10		1
HM-F28,3	**0022028300**	28,3	10	PG21	1
HM-F29	**0022029000**	29	10		1
HM-F30	**0022030000**	30	10		1
HM-F32	**0022032000**	32	10		1
HM-F33	**0022033000**	33	10		1
HM-F34	**0022034000**	34	10		1
HM-F35	**0022035000**	35	10		1
HM-F36	**0022036000**	36	10		1
HM-F37	**0022037000**	37	10	PG29	1
HM-F38	**0022038000**	38	10		1
HM-F40	**0022040000**	40	10		1
HM-F42	**0022042000**	42	10		1
HM-F44	**0022044000**	44	10		1
HM-F45	**0022045000**	45	10		1
HM-F47	**0022047000**	47	10	PG36	1
HM-F48	**0022048000**	48	10		1
HM-F50	**0022050000**	50	10		1
HM-F52	**0022052000**	52	13		1

Type	Code No.	Diameter mm	Shank Diameter mm	Tank Thread	Shelf Pack
HM-F55	0022055000	55	13		1
HM-F60	0022060000	60	13	PG48	1
HM-F65	0022065000	65	13		1
HM-F70	0022070000	70	13		1
HM-F75	0022075000	75	13		1
HM-F80	0022080000	80	13		1
HM-F85	0022085000	85	13		1
HM-F90	0022090000	90	13		1
HM-F95	0022095000	95	13		1
HM-F100	0022100000	100	13		1
HM-F110	0022110000	110	13		1

Other diameters on request

Replacement drill

Type	Code No.	For Holesaw Diameter mm	Diameter x Length mm
HSS	0022065200	15–74	6 x 52
HSS	0022085200	75–150	8 x 52
HM	0022165200	15–74	6 x 52
HM	0022185200	75–150	8 x 52

Hard Metal Holesaws – Deep-Cut



- Design:
  Hard metal-faced holesaws for manual- and upright drills, will cut anything. Can be used on all machinable materials. Sturdy construction guarantees high running precision. The special cut, ground axially and radially, ensures optimum cutting results along with good chip clearance. Resharpenable, long service life.
- Applications:
  Steel, stainless steel, glass fibre, aluminium etc.
- Deep-cut for cuts into pipes and curved surfaces, for material strength up to 4 mm and stainless steel up to 2 mm.
- Packed in plastic box with hang-up hole.

Type	Code No.	Diameter mm	Shank Diameter mm	Shelf Pack
HM-T18	0022018010	18	10	1
HM-T20	0022020010	20	10	1
HM-T21	0022021010	21	10	1
HM-T22	0022022010	22	10	1
HM-T23	0022023010	23	10	1
HM-T25	0022025010	25	10	1
HM-T26	0022026010	26	10	1
HM-T27	0022027010	27	10	1
HM-T28	0022028010	28	10	1
HM-T30	0022030010	30	10	1
HM-T32	0022032010	32	10	1
HM-T33	0022033010	33	10	1

Type	Code No.	Diameter mm	Shank Diameter mm	Shelf Pack
HM-T34	**0022034010**	34	10	1
HM-T35	**0022035010**	35	10	1
HM-T37	**0022037010**	37	10	1
HM-T39	**0022039010**	39	10	1
HM-T40	**0022040010**	40	10	1
HM-T42	**0022042010**	42	10	1
HM-T43	**0022043010**	43	10	1
HM-T45	**0022045010**	45	10	1
HM-T46	**0022046010**	46	10	1
HM-T48	**0022048010**	48	10	1
HM-T49	**0022049010**	49	10	1
HM-T55	**0022055010**	55	13	1
HM-T60	**0022060010**	60	13	1
HM-T65	**0022065010**	65	13	1
HM-T70	**0022070010**	70	13	1
HM-T75	**0022075010**	75	13	1
HM-T80	**0022080010**	80	13	1
HM-T85	**0022085010**	85	13	1
HM-T90	**0022090010**	90	13	1

Other diameters on request

Replacement drill

Type	Code No.	For Holesaw Diameter mm	Diameter x Lenth mm
HSS	**0022067710**	16–60	6 x 77
HSS	**0022081040**	61–100	8 x 104
HM	**0022167710**	16–60	6 x 77
HM	**0022181040**	61–100	8 x 104

Holesaw Kits – Bi-Metaloy®

Professional Holesaw Kit



Type / Code No.	Description	Diameter mm	Shelf Pack
81433EU	Professional Holesaw Kit, complete		1
includes:			
81155EU	Holesaw	16	
81161EU	Holesaw	19	
81167EU	Holesaw	22	
81173EU	Holesaw	25	
81179EU	Holesaw	29	
81188EU	Holesaw	32	
81197EU	Holesaw	35	
81206EU	Holesaw	38	
81218EU	Holesaw	44	
81227EU	Holesaw	51	
81245EU	Holesaw	64	
81260EU	Holesaw	76	
81323EU	Mandrel	–	
81316EU	Mandrel	–	
81426EU	3 Pilot Drills	6,35 / Length 85 mm	

Journeyman's Holesaw Kit



Type / Code No.	Description	Diameter mm	Shelf Pack
81429EU	Journeyman's Holesaw Kit, complete		1
includes:			
81161EU	Holesaw	19	
81167EU	Holesaw	22	
81179EU	Holesaw	29	
81197EU	Holesaw	35	
81206EU	Holesaw	38	
81218EU	Holesaw	44	
81227EU	Holesaw	51	
81236EU	Holesaw	57	
81245EU	Holesaw	64	
81318EU	Mandrel	–	
81316EU	Mandrel	–	
81426EU	Pilot Drill	6,35 / Length 85 mm	

Maintenance Holesaw Kit



Type / Code No.	Description	Diameter mm	Shelf Pack
81430EU	Maintenance Holesaw Kit, complete		1
includes:			
81167EU	Holesaw	22	
81173EU	Holesaw	25	
81179EU	Holesaw	29	
81188EU	Holesaw	32	
81206EU	Holesaw	38	
81318EU	Mandrel	–	
81427EU	Adaptor	–	

Electrician's Holesaw Kit



Type / Code No.	Description	Diameter mm	Shelf Pack
81431EU	Electrician's Holesaw Kit, complete		1
includes:			
81167EU	Holesaw	22	
81179EU	Holesaw	29	
81197EU	Holesaw	35	
81218EU	Holesaw	44	
81227EU	Holesaw	51	
81245EU	Holesaw	64	
81323EU	Mandrels	–	
81316EU	Mandrels	–	
81426EU	Pilot Drill	6,35 / Length 85 mm	

Plumber's Holesaw Kit



Type / Code No.	Description	Diameter mm	Shelf Pack
81432EU	Plumber's Holesaw Kit, complete		1
includes:			
81161EU	Holesaw	19	
81167EU	Holesaw	22	
81179EU	Holesaw	29	
81206EU	Holesaw	38	
81218EU	Holesaw	44	
81236EU	Holesaw	57	
81318EU	Mandrel	–	
81316EU	Mandrel	–	
81426EU	Pilot Drill	6,35 / Length 85 mm	

Nicholson™

Plumber's Holesaw Kit No. 2



Type / Code No.	Description	Diameter mm	Shelf Pack
81442EU	Plumber's Holesaw Kit No. 2, complete		1
includes:			
81167EU	Holesaw	22	
81179EU	Holesaw	29	
81206EU	Holesaw	38	
81218EU	Holesaw	44	
81236EU	Holesaw	57	
81251EU	Holesaw	67	
81323EU	Mandrel	–	
81316EU	Mandrel	–	

Electrician's Holesaw Kit No. 1



Type / Code No.	Description	Diameter mm	Shelf Pack
81443EU	Electrician's Holesaw Kit No. 1, complete		1
includes:			
81197EU	Holesaw	35	
81460EU	Holesaw	68	
81257EU	Holesaw	73	
81316EU	Mandrels	–	
81426EU	Pilot Drill	6,35 / Length 85 mm	
81475EU	Hole Edge Core Drill for Holesaw Ø 68 mm		

Electrician's Holesaw Kit No. 2



Type / Code No.	Description	Diameter mm	Shelf Pack
81444EU	Electrician's Holesaw Kit No. 2, complete		1
includes:			
81450EU	Holesaw	20	
81173EU	Holesaw	25	
81188EU	Holesaw	32	
81227EU	Holesaw	51	
81460EU	Holesaw	68	
81323EU	Mandrel	–	
81316EU	Mandrel	–	

Electrician's Holesaw Kit No. 3



Type / Code No.	Description	Diameter mm	Shelf Pack
81445EU	Electrician's Holesaw Kit No. 3, complete		1
includes:			
81450EU	Holesaw	20	
81173EU	Holesaw	25	
81188EU	Holesaw	32	
81197EU	Holesaw	35	
81227EU	Holesaw	51	
81460EU	Holesaw	68	
81257EU	Holesaw	73	
81323EU	Mandrel	–	
81316EU	Mandrel	–	

4-in-1 Hacksaw Frame with Cushion Grip

- 4-in-1Hacksaw Frame comes complete with Bi-Metaloy® 18-tooth 12-inch hacksaw blade with High Speed Steel edge and 8" x 3/4" x 0.035" High Speed Steel Bi-Metal reciprocal saw blade.
- Visible blade storage holds either standard hacksaw blade or reciprocal saw blade.
- Cast aluminum construction for durability and light weight.
- Co-molded cushion grips at both ends of the saw add comfort and reduce slippage for better control.




1. General Use


2. Angle 45°


3. Low Profile


4. Jab Saw

Code No.	Type	Blade Inch	Blade mm	Weight g	Shelf Pack
80975EU	4-in-1, High Tension	12	300	1133	4

High Tension Hacksaw Frame

- Quick changing blades.
- Adjustable crank handle for tension up to 30.000 PSI torque and micro-adjustment.
- Spare blades can be stored inside frame.
- Blade can be positioned for 45° or 90° cutting.
- End of frame can be used as a jab saw.



Code No.	Type	Blade Inch	Blade mm	Weight per Shelf Pack g	Shelf Pack
80956	High Tension Adjustable	12	300	903	1

General Purpose Hacksaw Frame

- Instantly adjustable for 10"/250 mm to 12"/300 mm blades.
- Adjusts 90° for vertical or horizontal cuts.



Code No.	Type	Blade Inch	Blade mm	Weight per Shelf Pack g	Shelf Pack
80951	Adjustable	10 and 12	250 and 300	4196	10

Economy Hacksaw Frame



- Adjustable from 10"/250 mm to 12"/300 mm.
- Cuts to 2,75"/70 mm in depth.
- For DIY and home use.

Code No.	Type	Blade Inch	Blade mm	Weight per Shelf Pack g	Shelf Pack
80950	Adjustable	10 and 12	250 and 300	4196	10

Little-Nic® Utility Hacksaw



- For professionals and homeowners.
- Ergonomic cushioned handle.
- Gets into small places, makes difficult cutting jobs easy.
- Overall length 10"/254 mm, will fit into any tool box.
- Uses any standard size hacksaw blade.
- Blister packed on attractive card with suggested uses on back.

Code No.	Packed	Blade Inch	Blade mm	Weight per Shelf Pack g	Shelf Pack
80968	Carded	10	250	652	6

Jab Saw



- Special saw always needed for the difficult jobs: those narrow, hard-to-reach areas.
- Jab saw will work with any standard size hacksaw blade.
- Can replace worn blade easily: Untighten adjusting saw, remove worn blade and replace with a new Nicholson™ blade, re-tighten the adjusting screw.
- A must for all tool boxes.

Code No.	Packed	Blade Inch	Blade mm	Weight per Shelf Pack g	Shelf Pack
80969	Carded	10	250	1701	12

Bi-Metaloy® Hand Hacksaw Blades



- Molybdenum alloy tool steel edge.
- Tough flexible high carbon steel backing.
- Lasts twice as long as high-speed steel.
- Lasts up to ten times longer than carbon steel.
- Operates 20% to 50% faster.
- High tooth hardness and shock resistance.
- Boxed: 100 blades per box.

Type	Set Type	Code No.	Length Inch	Length mm	Teeth Per Inch	Width Inch	Width mm	Gauge Inch	Gauge mm	Weight per 100 Boxed kg
NF1218	Wavy	**62723**	12	304	18	1/2	12,70	0,025	0,65	2,050
NF1224	Wavy	**62749**	12	304	24	1/2	12,70	0,025	0,65	2,050
NF1232	Wavy	**62776**	12	304	32	1/2	12,70	0,025	0,65	2,050

Flexible High Speed Steel



- Flexible high speed steel .
- Tempered to provide hard edge with flexible back.
- Specially hardened to induce toughness.
- Economy blade for sawing light to medium-hard materials.
- A good balance of wear resistance and mechanical shock absorbing properties.
- Boxed: 100 blades per box.

Type	Set Type	Code No.	Length Inch	Length mm	Teeth Per Inch	Width Inch	Width mm	Gauge Inch	Gauge mm	Weight per 100 Boxed kg
NM1812	Wavy	**63400**	12	304	18	1/2	12,70	0,025	0,65	2,050
NM2412	Wavy	**63401**	12	304	24	1/2	12,70	0,025	0,65	2,050

Hand Hacksaw Blade – Care and Servicing

Blade Breakage

1. Lack of tension. Tighten until taut.
2. Too much tension. Loosen slightly.
3. Cutting in awkward position. Use flexible type blades.
4. Jamming in cut. Hold work securely – stock should fall free after cut. In soft material teeth may be binding because they are too fine.

Pinhole Breakage

1. Too much tension. Loosen slightly.
2. Worn pins causing pressure on eyeholes. Replace pins.

Rounded Teeth – Premature Wear

1. Blade not cutting. Use slower stroke and apply heavier feed.
2. Dragging on return stroke. Lift saw.
3. Material too hard. Select proper blade.

Crooked Cutting

1. Too much pressure. Reduce feed.
2. Blade out of alignment. Check frame and blade tension.
3. Blade worn out. Replace.

Tooth Breakage

1. Teeth too coarse. Keep three teeth in the work.
2. Too much feed, teeth loading. Ease feed pressure.
3. Teeth too fine, clogging. Change to coarser tooth.
4. Starting cut on sharp corner. Reposition work.

General Tooth Recommendations

18 Tooth: For general shop use, when same blade is used on several jobs.

24 Tooth: For cross section $^{1}/_{16}$"/1,58 mm – $^{1}/_{4}$"/6,35 mm such as pipe, angles, small drill rod.

32 Tooth: To cut stock up to $^{1}/_{16}$"/1,58 mm such as light tubing, sheet metal, BX.

At least three teeth should be in contact with the work at all times.

Choose the Right Number of Teeth Per Inch

The sketches below (figure 1) show how coarseness of teeth affects blade efficiency. Speed varies according to material being cut and saw blade coarseness.

Starting the Cut

If possible, avoid starting cut on a sharp corner. When unavoidable, begin with light pressure and use a steady forward stroke. As many teeth as possible should be in contact with the cutting area and at least three teeth must be engaged. Note cutting angles shown below (figure 2).

Fig. 1

Right Wrong

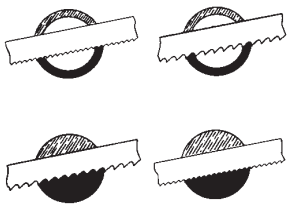
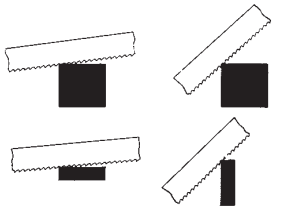
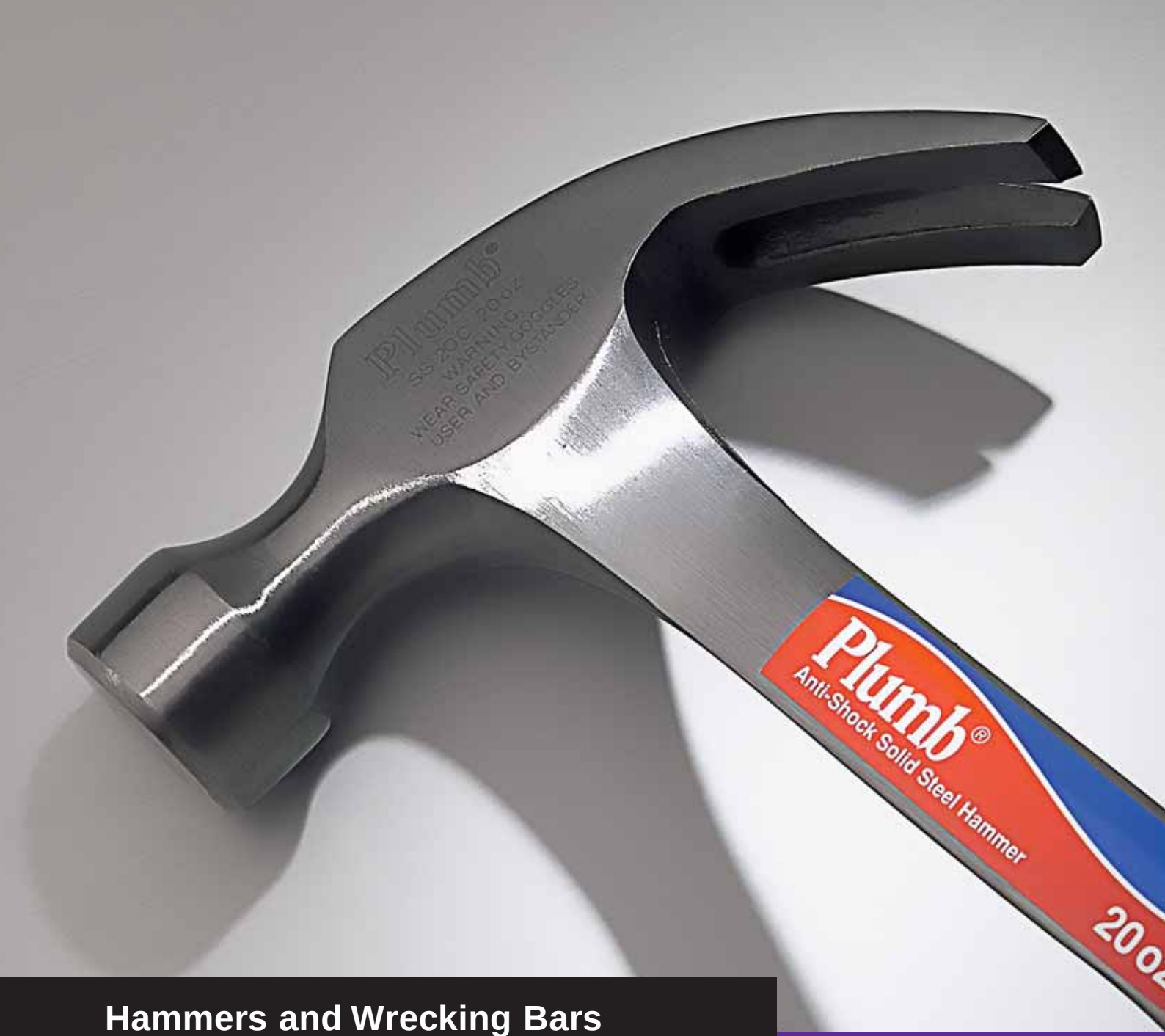


Fig. 2

Right Wrong





Hammers and Wrecking Bars

Plumb®

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Safety tips

Hand tools are made in various types and sizes, degrees of hardness and different configurations for specific purposes. They should be carefully selected and used only for their intended purpose. Proper use of most types involves certain basic rules:

- Protect your eyes – always wear safety goggles.
- Strike squarely – avoid glancing blows.
- Always use a tool of suitable size and weight for the job.
- The striking face of a hammer should be approximately $^{3}/_{8}$" larger in diameter than the struck face of a chisel, punch, etc.
- Replace immediately upon chipping or mushrooming of the face.
- Never use a tool with a loose or damaged handle.
- Never use a grinding wheel for redressing a cutting edge or a striking face, use a file or whetstone and redress to original shape and contour.
- Never use a hammer, maul, or axe to strike another hammer, maul or axe.
- Never use a tool with a dull cutting edge.

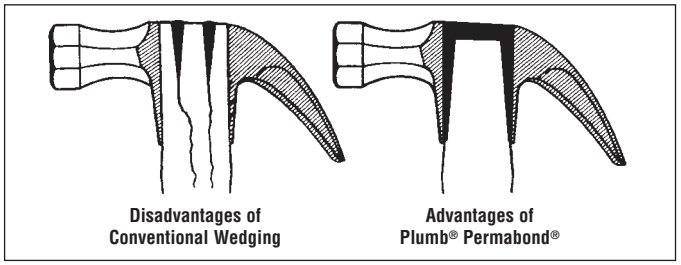
Quality Striking Tools

Since 1856 the quality of Plumb® tools has been recognized and preferred by tool users throughout the world. The special analysis steel used to make Plumb® tools is forged to close tolerance and heat treated to build in the toughness necessary to withstand impact. Extra care is then taken in hardening and tempering to make each part of the tool ready for the specific job it has to do.

You can be sure Plumb® tools have the toughness, durability and keenness to do the job. Plumb® tools are engineered for balance and exacting care is taken to assure the head is “hung” on the handle at the right angle. This built-in balance gives Plumb® tools extra driving power. They swing easy – hit hard.

Permabond® Chemical Bonding Process

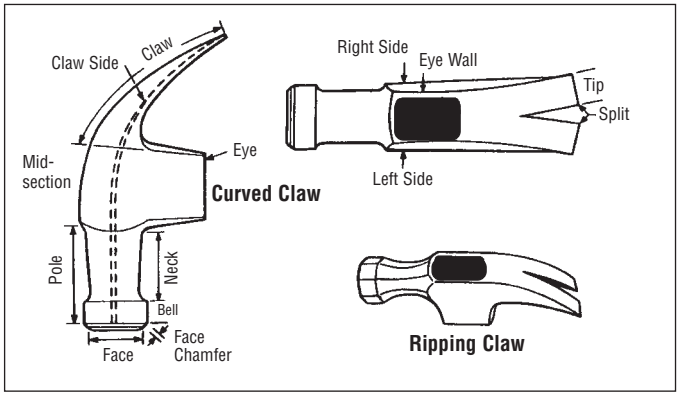
Permabond® is a red-colored chemical weld used in Plumb® tool eyes to join head and handle together. Chemical bonding process replaces conventional wedging which splits wood, allowing moisture to swell and shrink the handle and eventually loosen the head. Permabond® chemical bonding process seals moisture out, forming a bond so tight it takes approximately 2 tons of pressure to pull it apart. Permabond® chemical bonding process is used on all nail hammers, except one-piece hammers, and is a visible plus with homeowners and tradesmen.



Nail Hammers

- Face radius and chamfer are designed to provide a hard striking face.
- Mid-section is resilient, yet extra strong.
- Claws are tough, sturdy; edges are beveled, with uniform taper and bite.
- With proper use, safety is enhanced by the double tempering process for the striking face and claw.

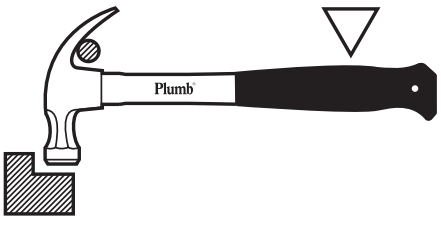
Nail hammers are made in two patterns; curved claw and straight or ripping claw. The face is slightly crowned with the edges beveled, although certain heavy-duty patterns may have checkered faces designed to reduce glanc-ing blows and flying nails. Handles may be wood, solid steel, or fiberglass. Solid steel and fiberglass are generally furnished with rubber-type grips.

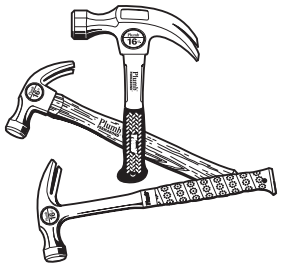


Handles

Plumb® developed and introduced the fiberglass handle in 1955. It can't rust, rot or corrode, and despite its light weight, it has astonishing strength. Plumb® introduced a new jacketed fiberglass and nylon handle in 1997. Tests on a Tinius-Olsen testing machine have shown that with more than 450lbs of applied load, a Plumb® fiberglass handle won't break. With its smart looking and resilient cushion grip fitted to its fiberglass handle, this line has the look of a winner.

Schematic diagram of flexural strength test. Note that load is applied to tool handle in the same manner as it would be applied by user in withdrawing a nail.





Nail Hammer Warning

Warning – Wear Safety Goggles – User and Bystander



Nail hammers are designed for driving and pulling common, unhardened nails only, and for ripping apart wooden structures. Never strike one hammer with or against another hammer or other hardened objects as the face may chip, possibly resulting in eye or other serious injury. Replace any tool immediately upon chipping, mushrooming or other damage.

Premium Curved Claw



- High-luster, full-polished finish.
- Octagon-shaped neck.
- Virtually unbreakable fiberglass handle: solid fiberglass core covered with a molded nylon jacket to resist breakage due to overstrike.
- Contoured handle for increased comfort and reduced fatigue.
- Enlarged handle base for butting material.
- New grip material reduces handle slickness.
- Factory balanced for maximum striking power.
- Permabond® construction between head and handle.

Code No.	Head Weight oz	kg	Overall Length Inch	mm	Shelf Pack Weight lb	kg	Shelf Pack	Face
11400	20	0,567	13	330	8,0	3,630	4	Polished
11402	16	0,454	13	330	6,8	3,080	4	Polished

Solid Steel Anti-shock Premium Curved Claw



- Patent Pending anti-vibration shock absorbing technology.
- Anti-vibration feature absorbs shock and minimizes muscle fatigue.
- 1-Piece forged solid steel construction.
- Co-molded contoured handle for increased comfort and control.
- High-luster, full polished finish.

Code No.	Head Weight oz	kg	Overall Length Inch	mm	Shelf Pack Weight lb	kg	Shelf Pack	Face
SS16C	16	0,454	12,875	327	7,08	3,210	4	Polished
SS20C	20	0,567	13,750	349	7,87	3,570	4	Polished

Fiberglass Brick Hammers

- Forged head
- Polished face, chamfer, bit, back and sides.
- Fiberglass handle with comfortable cushion grip.
- Permabond® construction between head and handle.
- $^{11}/_{8}$" (29 mm) – wide bit on 24oz. (680 mm).



Code No.	Head Weight oz	kg	Overall Length Inch	mm	Shelf Pack Weight lb	kg	Shelf Pack
11421	24	0,680	13	330	9,2	4,170	4

Wrecking Bars

- Forged, high-carbon steel lever bit and claw, hardened and tempered.
- Rust-resistant blue finish
- Four popular sizes from 18" (457 mm) to 36" (914 mm)



Code No.	Bar Size Inch	mm	Overall Length Inch	mm	Shelf Pack Weight lb	kg	Shelf Pack
11871	$^{5}/_{8}$ Hex	15,87	18	457	11,4	5,170	6
11872	$^{3}/_{4}$ Hex	19,05	24	610	21,0	9,530	6
11873	$^{3}/_{4}$ Hex	19,05	30	762	25,2	11,430	6
11874	$^{3}/_{4}$ Hex	19,05	36	914	29,4	13,340	6

Action Bars

- Forged carbon-steel bit, handle, and claw.
- Blue enamel finish on handle.
- Beveled nail slots at both ends.
- Used to pry, lift, pull, scrape, and shape.



Code No.	Bar Size Inch	Inch	mm	mm	Overall Length Inch	mm	Shelf Pack Weight lb	kg	Shelf Pack
11889	1 $^{3}/_{8}$	$^{1}/_{4}$	35	6	13 $^{1}/_{2}$	343	6,0	2,720	4

Notes



Bolt, Cable, and Strap Cutters

H.K.Porter®

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Plastisol® is a registered trademark of Dupont

Tips to Easier, Safer Cutting

a. When heavy cutting is involved, it is less strenuous to hold one handle of the tool on the ground using foot pressure. This permits the cutting force to be applied to the upper handle, makes the cutting position less awkward, and utilizes body weight. This allows more power to be transferred tothe cutting edges.
b. Use the correct cutting tool for the type, size, and hardness of the metal to be cut.
c. Keep cutter jaws at right angles to piece being cut. Cutting diagonally may twist jaws.
d. Do not twist or pry with tool while cutting.
e. Do not exceed the full cut on a material whose hardness is unknown. Test hardness with slow pressure to see if material is being cut. The size of the metal you are cutting is not as important as its hardness.
f. Do not exceed the cutter capacity that is marked on the jaw of the tool or its rating capacity in this catalog.
g. Keep jaw bolts tight and joints oiled at all times.
h. Maintain the original jaw bevel angles when sharpening out of line or chip cutting edges.



Safety Do's and Dont's

Wear your gloves and safety glasses at all times!

Do wear safety shoes.
Do remove oil or grease from your hands, from tools and from the floor and area where you will be working.
Do remember that metal flies when cut. The harder the metal, the farther it will fly.
Do warn those in the area when you intend to use a cutter and protect your fellow workers from flying metal.
Do use all tools as recommended.
Don't attempt to use a cutting tool, hand or power, until you fully understand its use.
Don't forget that metals may fly and cause injury.
Don't use cutters for any application except those listed in this catalog.
Don't use H.K.Porter® cutters on energized circuits, wire, or cable.

Safety Precautions

DANGER

Indicates a high probability that death, severe bodily injury or major property damage could result.



Hard metals may snap off or fly through the air when cut. Always wear safety glasses and warn workers nearby to prevent them from being injured from flying metal. To prevent injury from flying metal, take precautions such as wrapping a cloth or rag around the cutting jaws so metal pieces can not fly.

WARNING

Is serious but less inevitable. There is some probability that death, severe bodily injury or property damage could result.



The "Safety Alert Symbol" is used to call attention to instructions concerning personal safety. Watch for this symbol, it points out important safety precautions. It means: "ATTENTION! Stay alert, personal safety may be in danger!" Read the message that follows this symbol and be alert to the possibility of personal injury or death resulting from misuse.

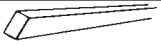
The use of any industrial tool may present hazards which can result in serious injury or death. The H.K.Porter® tools listed in this catalog are not exceptions to this rule.

CAUTION

Is less serious but still demands attention. Indicates a hazard which may result in minor injury or property damage.

READ AND UNDERSTAND ALL DIRECTIONS BEFORE OPERATING ANY H.K.PORTER® MANUAL OR PNEUMATIC TOOL.

Cutter Selection

 BARS, FLAT	 CABLE, PRESTRESSED	 NUT SPLITTING	 WIRE, FENCE
 BARS, ROUND	 CABLE, RUBBER COVERED	 PADLOCK HASPS	 WIRE, GUY
 BARS, SQUARE	 CABLE, SOFT, LARGE	 PIPE, PVC	 WIRE, HOT
 BOLTS, RODS, SCREWS, RIVETS	 CABLE, STEEL	 PLASTIC, FIBER	 WIRE, COPPER
 CABLE (ACAR)	 CHAIN	 ROD REINFORCING	 WIRE, MESH
 CABLE (ACSR)	 CHAIN, HARD ALLOY	 ROD STRAIGHTENER	 WIRE ROPE
 CABLE, ALUMINUM	 EHS GUY STRAND	 STRAPPING STEEL	 WIRE SHELVING
 CABLE COMMUNICATIONS	 METALS, HARD	TIRE CHAINS	 WIRE, SOLID
 CABLE, COPPER	 METALS, MEDIUM HARD	 TRUCK TIRE BEADS	 WIRE, SPRING
 CABLE, LEAD COVERED	 METALS, SOFT	 WIRE, BOX BINDING	 WIRE, STAINLESS STEEL
CABLE, POWER	NAILS, COTTER PINS	WIRE, ELECTRIC	WROUGHT IRON

1. **What is the material to be cut?**
   (See above chart)
2. **What size is the material to be cut?**
   Capacities of all hand-operated cutters are shown opposite each catalog listing. Power tool capacities are shown in the Power Tool Selector chart. Do not exceed listed capacities.
3. **How hard is the material to be cut?**
   Many of the materials illustrated in the chart above are made in varying degrees of hardness. The maximum hardness ratings that each hand and power tool is designed to cut are shown under each tool in this catalog.
   Extra Hard Metals:
   Up to Brinell 455 / Rockwell C48
   Hard Metals:
   Up to Brinell 400 / Rockwell C42
   Medium Hard Metals:
   Up to Brinell 300 / Rockwell C31
   Soft Metals:
   Up to Brinell 200 / Rockwell C15
4. **Will numerous or few cuts be made in a day?**
   The frequency of cuts to be made should be taken into consideration when choosing a cutter. HKP manufacturers inexpensive hand cutters for light-duty work, heavy-duty cutters for tougher jobs, and hydraulic and pneumatic cutters for extremely hard materials and production cutting.
5. **Is speed a factor in the cutting?**
   Choose the proper cutter to fit the job requirements, whether an occasional cut is called for or fast, continuous, industrial production cutting.

Still not sure?
Send material samples to:
Cooper Tools GmbH
Carl-Benz-Str. 2
74354 Besigheim, Germany
Attn: HKP Test Material
Note: Provide answers to as many of the questions as possible.

WARNING

- Always wear safety glasses/goggles when cutting.
- Cut in a safe area; consider the safety of others in the immediate area.
- The harder the material being cut, the likelier it is to become airborn during cutting.
- Use tools correctly! (Refer to “Engineering Information” section of this catalog)
- Use the correct tool for the work being performed.
- Maintain tools, power supplies, and hoses in safe working condition.

Quality Features of H.K.Porter® Cutters

PRECISION CUTTING EDGES
Accurately beveled for specific types of cuts and materials.

CUTTING JAWS
Alloy tool steel, drop forged, precision ground for maximum wear resistance and longer cutting life.

LOCKPLATE
Prevents jaw bolts from turning or loosening. Eliminates "sloppy" head, insures trouble-free operation.



SIMPLE ADJUSTMENT
One adjustment realigns cutting edges properly.

TOGGLE JOINT
Transforms 50 pounds of hand pressure on handles to 4,000 pounds pressure on cutting edges of jaws.

STEEL TUBULAR HANDLES
Greater strength, lighter weight.

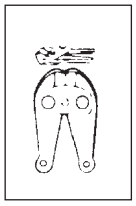
HANDLES CLOSER TOGETHER
More cutting power with less strain.

RUBBER GRIPS
Easy on the hands. Firmer grip for user safety.

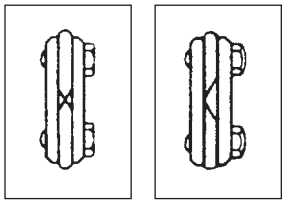
Jaw Designs

There are four basic jaw designs. They are engineered to give long, trouble-free life and the most efficient cutting of the materials which they are designed to cut.

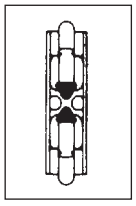
1 **ANGULAR JAWS**
30° offset jaws have clipper-cut blades, designed for cutting close or flush to a surface. Cuts soft or medium-hard material.



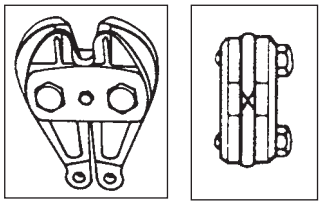
2 **ALL-PURPOSE JAWS**
Can have center- or clipper-cut blades used for broad cutting applications.



3 **SHORT-NOSED JAWS**
Center-cut, carbide-tipped blades for cutting hard- and non-alloy chains and padlock hasps.



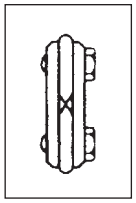
4 **HEAVY-DUTY STRAP JAWS**
Straps keep the cutting edges aligned under the most demanding applications.



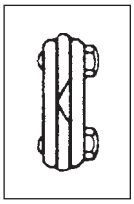
Cutting Blades

Four different cutting blade styles are available for specific types or broad ranges of cutting applications.

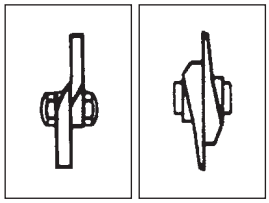
1 **CENTER-CUT BLADES**
Slightly rounded cutting edges, beveled on both sides, broaden cutting applications.



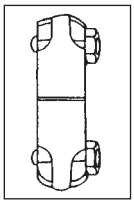
2 **CLIPPER-CUT BLADES**
Blades are beveled on only one side for smooth flush cuts that are close to workpiece.



3 **SHEAR-CUT BLADES**
Designed to cut coarse- or fine-strand cable with minimal strand distortion.



4 **END-CUT BLADES**
Blades are at right angles to handles for easier handling and "head-on" close cutting of materials.



Industrial Grade, Center Cut Cutters





End View

- General plant maintenance tool.
- Drop-forged, precision ground, alloy tool steel jaws with center-cut blades.
- Cuts soft, medium, or hard materials.
- Maximum hardness of material to be cut: Brinell 455 / Rockwell C48
- Lockplate keeps jaws from loosening.
- Toggle joints turn 50 lbs. (23 kg) hand pressure to 4000 lbs. (1.814 kg) cutting pressure.
- Screw-type adjustment realigns edges.
- Steel handles with rubber grips.

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Soft and Medium Hard Materials (Up to Brinell 300, Rockwell C31) Inch	mm	Hard Materials (Up to Brinell 455, Rockwell C48) Inch	mm	Replacement Cutterhead Code No.	Replacement Jaws (Pair) Code No.
1490MC	2 3/4	1	14	356	5/16	8	3/16	5	**1413C**	**1412C**
0090MC	3 1/2	2	18	457	3/8	10	1/4	6	**0013C**	**0012C**
0190MC	5 1/4	3	24	610	7/16	11	5/16	8	**0113C**	**0112C**
0290MC	8 1/2	4	30	762	1/2	13	3/8	10	**0213C**	**0212C**
0390MC	12 7/8	6	36	914	9/16	14	7/16	11	**0313C**	**0312C**
0590MC	17 1/8	8	42	1067	11/16	18	1/2	13	**0513C**	**0512C**

General Purpose Center Cut Bolt Cutters





End View

- Series 2000 Bolt Cutter
- Drop-forged jaws with center-cut blades. Heat treated for wear resistance and long cutting life.
- Cuts soft, and medium/hard materials.
- Maximum hardness of material to be cut: Brinell 300 / Rockwell C31
- Toggle joints turn 50 lbs. (23 kg) hand pressure to 4000 lbs. (1.814 kg) of cutting pressure.
- Precision cast, 1-piece, aluminum alloy handles with rubber grips.

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Soft Materials (Up to Brinell 200, Rockwell C15) Inch	mm	Hard Materials (Up to Brinell 300, Rockwell C31) Inch	mm	Replacement Cutterhead Code No.
1490AC	1,7	0,800	14	356	5/16	8	1/4	6	**1413AC**
0090AC	2,4	1,100	18	457	3/8	10	5/16	8	**0013AC**
0190AC	4,0	1,800	24	610	7/16	11	3/8	10	**0113AC**

H.K.Porter®

Center Cut – Mesh Cutters

- Mesh cutter with tubular steel handles.



Type	Code No.	Weight kg	Length mm	Cuts up to Rockwell HRC 40/mm	
800MS	**0130000800**	2,900	800	8	2 x 7

Replacement cutterheads

813MS	**0130000813**	for Cutter 800MS

Boltcutter BC Series

- The Boltcutter Series BC from H.K.Porter® for D.I.Y. and professionals.
- A special blade design “clipper cut” allows to make flush cuts.
- Cuts soft and medium / hard materials.
- Robust construction with steel handless and PVC grips.
- Cutterheads made of special alloyed steel.



Type	Code No.	Weight kg	Length mm	Cuts up to HRC 22/mm	HRC 39/mm
BC340	**0131000320**	0,900	340	6	5
BC400	**0131000400**	1,000	400	7	6
BC450	**0131000450**	1,600	450	10	7
BC610	**0131000610**	2,300	610	11	9
BC800	**0131000800**	4,400	800	13	11
BC900	**0131000900**	4,700	900	15	13

Replacement cutterheads

BC313	**0131000313**	for Cutter BC340
BC413	**0131000413**	for Cutter BC400
BC453	**0131000513**	for Cutter BC450
BC613	**0131000613**	for Cutter BC610
BC813	**0131000813**	for Cutter BC800
BC913	**0131000913**	for Cutter BC900

Industrial Grade, Clipper Cut Cutters





End View

- All-purpose jaws with clipper-cut blades for close or flush cutting.
- Not for cutting hard materials.
- Maximum hardness of material to be cut: Brinell 300 / Rockwell C31
- Lockplate keeps jaws from loosening.
- Toggle joints turn 50 lbs. (23 kg) hand pressure to 4000 lbs. (1.814 kg) cutting pressure.
- Screw-type adjustment realigns edges.

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Soft and Medium Hard Materials (Up to Brinell 200, Rockwell C15) Inch	mm	Hard Materials (Up to Brinell 300, Rockwell C31) Inch	mm	Replacement Cutterhead Code No.
1490MNE	2 3/4	1	14	356	5/16	8	1/4	6	**1413NE**
0090MNE	3 1/2	2	18	457	3/8	10	5/16	8	**0013NE**
0190MNE	5 1/4	3	24	610	7/16	11	3/8	10	**0113NE**
0290MNE	8 1/2	4	30	762	1/2	13	7/16	11	**0213NE**
0390MNE	12 7/8	6	36	914	9/16	14	1/2	13	**0313NE**

Angular Style Cutters

For Soft and Medium Hard Metals to 1/2" (13 mm)





End View

- Angular-style jaws with clipper-cut blades, have a 30° offset to keep work in view and hands clear of work surface while cutting.
- Cuts soft and medium materials.
- Maximum hardness of material to be cut: Brinell 300 / Rockwell C31

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Soft Steel & Non-Ferrous Metals Up to Brinell 200, Rockwell C15 Inch	mm	Medium Hard Metals Up to Brinell 300, Rockwell C31 Inch	mm	Replacement Cutterhead Code No.
1490MAF	3	2	14	356	5/16	8	1/4	6	**1413AF**
0190MA	5 1/2	3	24	610	7/16	11	3/8	10	**0113A**
0390MA	13 1/8	6	36	914	9/16	14	1/2	13	**0313A**

H.K.Porter®

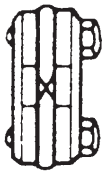
Heavy Duty Cutters

- Recommended for the most demanding hand cutting applications.
- Heavy-duty straps support the jaws.
- Maximum hardness of material to be cut: Brinell 455 / Rockwell C48
- Lockplate keeps jaws from loosening.
- Toggle joints turn 50 lbs. (23 kg) hand pressure to 4000 lbs. (1.814 kg) cutting pressure.
- Screw-type adjustment realigns edges.
- With tubular steel handles.

Center Cut



End View



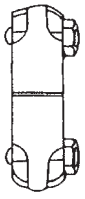
Code No.	Approx. Weight lbs	kg	Length Inch	mm	Hard Metal, Wire Mesh and Reinforcing Rod and Bar Inch	mm	Replacement Cutterhead Code No.
0190MCX	5 1/2	3	24	610	5/16	8	**0113CX**
0290MCX	9 1/4	4	30	762	3/8	10	**0213CX**
0390MCX	14 1/8	7	36	914	7/16	11	**0313CX**
0590MCX	18 1/4	8	42	1067	1/2	13	**0513CX**

End Cut Nipper

- End-cut blades are at right angles to handles for easier handling and head-on, close cutting in confined spaces.
- Cuts soft materials
- Maximum hardness of material to be cut: Brinell 200/Rockwell C15
- Lockplate keeps jaws from loosening.
- Toggle joints turn 50 lbs. (23 kg) hand pressure to 4000 lbs. (1.814 kg) cutting pressure.
- Screw-type adjustment realigns edges.
- Cutterhead 0113E available



End View



Code No.	Approx. Weight lbs	kg	Length Inch	mm	Soft Steel, Non-Ferrous Material Inch	mm	Wrought Iron Inch	mm	Soft Bolts, Rivets Screws, Wire Inch	mm
0190ME	5 3/8	3	24	610	5/16	8	5/16	8	5/16	8

Nut Splitter

Splits Nuts up to 3/4" (19 mm), RC15



- Removes rusted or frozen nuts.
- Center-cut blades
- Blades swivel 360° for ease in splitting hard to reach nuts.
- Black-oxide, rust-resistant finish.
- Plastisol-coated handle
- Place blades across nut at 90° angles, turn power screw with impact or hand wrench to split nuts.
- Doesn't injure bolt or thread, splits both sides of nut at once.

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Capacity	Replacement Blade (1 each) Code No.
1390PQ	3 1/8	2	11 3/4	299	Cuts nuts up to 3/4" (19 mm) across flats	**1317PQ**

Handklip® Cutter



- Parrot-beak jaw with center-cut blades, to grasp wire and staples.
- Cuts wire, cable, and light chain, up to 3/16" (4,8 mm) diameter, soft and med. hard metals up to 1/4" (6,4 mm) diameter, and medium hard chain link.
- Maximum hardness of material to be cut: Brinell 300 / Rockwell C31
- Screw-type adjustment realigns edges.
- 1-handed operation
- Toolbox and pocket size
- Does NOT meet MIL-SPEC, customer service will provide information on MIL-SPEC tools.

Code No.	Approx. Weight oz	kg	Length Inch	mm	Soft and Medium Hard Materials Inch	mm
0690C	13	0,500	9	229	3/16	5

H.K.Porter®

Shear Type Hand Operated Cutters

- Lightweight, rugged cutter
- Drop-forged, alloy tool steel jaws with shear-cut blades.
- Cuts copper or aluminum, power and communications cable.
- Fiberglass handles for 2-handed control.

Power and Communications Cable Cutters



End View



Code No.	Approx. Weight lbs	kg	Length Inch	mm	Copper Power Cable	Aluminum Power Cable	Communications Cable Inch	mm	Replacement Cutterhead Code No.
0290FCS	4 1/2	2	25 1/2	648	500 MCM	750 MCM	1 3/8	35	**0213CSS**
0390FCS	6	3	32	813	750 MCM	1200 MCM	1 3/4	44	**0313FCS**

Hand Ratcheting Cable Cutters

- Compact size for one-handed ratcheting in tight spaces.
- CNC sharpened cutting edges for increased cutting capacity.
- Forged handles for superior strength.
- Square finger guards for stability during one-handed ratcheting.
- Release button positioned away from blade for increased safety.
- Durable, attractive blister card packaging for retail display.
- Not for use on ACSR or steel cable.



50090RFS

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Frequent use Copper	Aluminium	Max. Capacity Copper	Aluminium
50090RFS	1.46	0,700	14.87	378	500 MCM/240 mm²	600MCM/300 mm²	600 MCM/300 mm²	750 MCM/400 mm²



Warning – Cutter 50090RFS is not insulated. Do not use on live wires.

Shear Type Cable Cutters

For Wire Rope to $^{3}/_{4}$" (19 mm)





End View

- Notched, shear-cut blades hold and lock cable in cutting position.
- Cuts steel cable, coarse- or fine-stranded cable, or wire rope with minimal distortion.
- Toggle joints turn 50 lbs. (23 kg) hand pressure to 4000 lbs. (1.814 kg) cutting pressure.
- Screw-type adjustment realigns edges.

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Wire Rope Inch	mm	Hard Stainless Steel Cable Inch	mm	Aircraft Cable Inch	mm	Replacement Cutterhead Code No.
1490MTN	2 $^{3}/_{4}$	1	14	356	$^{1}/_{4}$	6	$^{1}/_{4}$	6	$^{1}/_{4}$	6	**1413TN**
0190MTN	5	2	24	610	$^{3}/_{8}$	10	$^{3}/_{8}$	10	$^{3}/_{8}$	10	**0113TN**
0390MTN	12	6	36	914	$^{5}/_{8}$	16	$^{5}/_{8}$	16	$^{5}/_{8}$	16	**0313TN**
0590MTN	17	8	42	1067	$^{3}/_{4}$	19	$^{3}/_{4}$	19	$^{3}/_{4}$	19	**0513TN**

Swaging Tool



- For crimping cable ferrules and stops.
- Strap cuts wire rope to $^{1}/_{4}$" (6,4 mm).

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Capacity Inch	mm
0190NSL	7	3	25	635	$^{1}/_{16}$ – $^{3}/_{16}$"	1,6 – 4,8

Communications Cable Cutters





End View

- Shear-cut blades give clean, sharp cut with minimal distortion.
- Cuts lead- and rubber-covered communications cable only.
- Do NOT cut hard cable, ACSR, self-supporting strand, or steel.

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Communications Cable Only Inch	mm	Replacement Handle/Blade Assy Code No.
0190CSP	5 $^{1}/_{4}$	3	23 $^{1}/_{2}$	597	1	25	**0119CSP**
0390CSP	10 $^{3}/_{4}$	5	37	940	2 $^{1}/_{4}$	57	**0319CSS**

H.K.Porter®

Compact, Electric Cable Cutter

- High-leverage jaws with shear-cut blades.
- Do NOT cut steel or ACSR.
- Plastic covered, non-slip grips.
- Compact cutter fits into most tool pouches.
- NOT an insulated tool.
- Blister packed for easy point-of-purchase display.



Code No.	Approx. Weight lbs	kg	Length Inch	mm	Copper Cable mm	Aluminum Cable mm
0890CSJ	1	0,454	9 1/2	241	2	4

Pocket Wire Rope and Cable Cutter

- Top-quality, pocket-size cutter
- Shear-cut blades
- Excellent cutter for 3/16" (4,8 mm) hard -1/4" (6,4 mm) soft wire rope or cable, piano wire, or aircraft cable.
- Packaged for easy point-of-purchase display.



Code No.	Approx. Weight lbs	kg	Length Inch	mm	Cable Capacity Inch	mm	Rod Capacity Inch	mm
0690TN	1	0,454	7 1/2	190	3/16	5	3/32	2,4

Wire Cutter

- Center-cut blades
- Cuts mild steel (Brinel 140) (80.000 PSI) to 5/32" (4 mm) diameter
- Cuts hard steel (HRC 44) (208.000 PSI) to 3/32" (2,4 mm) diameter



Code No.	Approx. Weight lbs	kg	Length Inch	mm	Mild Steel Diameter Inch	mm	Hard Steel Diameter Inch	mm
PWC9	0,5	0,300	8 1/2	216	5/32	4	3/32	3

Steel Strap Cutter

For Strap to 3/4" (19 mm)



- Sheer-cut blades give clean, smooth, easy cuts.
- Lower jaw slides under the tightest strapping or staple.
- Workhead has black oxide, rust-resistant finish.
- Cuts steel strap up to 3/4" (19 mm) wide.
- Spring action handles with Plastisol® grips open jaws automatically before and after each cut.
- HKP's most popular strap cutter model.

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Flat Steel Strap Inch	mm	Round Steel Tie Wire Inch	mm
0990T	1	0,550	9	229	3/4 x 0,035	19 x 1	0,080	2

Steel Strap Cutter

Cuts Steel Strap up to 1 1/4" (32 mm)



- Sheer-cut blades
- Workhead has black oxide, rust-resistant finish.
- 1-handed operation gives extra leverage for continuous cuts of wide steel strap, quickly and cleanly.
- Cushion grip handles.

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Flat Steel Strap Inch	mm
1290G	1 1/2	0,775	12	305	1 1/4 x 0,050	32 x 1

Heavy Duty, Steel Strap Cutter

For Strap to 2" (51 mm)



- Sheer-cut blades
- Cuts heavy steel strapping up to 2" (51 mm).
- Excellent for pallets, loading and unloading freight cars, trucks, and ships.
- Long-handled, goose neck, 2-hand operated cutter.
- Keep hands away from cutting area.

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Flat Steel Strap Inch	mm
2690GP	7	3	24	610	2 x 0,050	51 x 1

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Compact Ratcheting Cable Cutter

1 3/16" (30 mm) Capacity

- Compact, lightweight cutter, for confined spaces.
- Ratchet-type jaws with shear-cut blades grip and hold while moderate pumping action cuts cable.
- Leaves no burrs or sharp edges.
- Both blades cut.
- Fiberglass handles with non-slip, plastic grips.
- Cutter has self-lubricating ratchet and only 6 moving parts.
- Note: MCM capacity does not include cable insulation, MCM capacity equates to conductor size only.



Code No.	Approx. Weight lbs	kg	Length Inch	mm	Copper Cable	Aluminum Cable	Communication Cable Inch	mm
6990FS	3 1/2	2	14	356	500 MCM/240 mm²	795 MCM/425 mm²	1 3/16	30

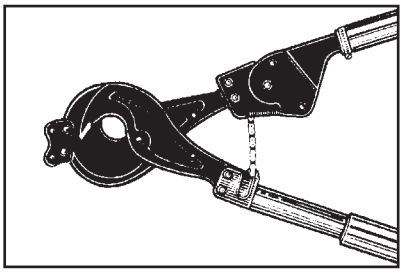
*Do Not Cut EHS guy wire

Ratchet Type, Soft Cable Cutter

2" (51 mm) Capacity

- Jaw keeper prevents jaws from spreading while under heavy load.
- Cuts copper and aluminum communications and power cable in sizes up to 2" (51 mm), including rubber or lead covered cable.
- Improved heavy duty jaw design.
- Built for tough conditions.
- Ratchet mechanism provides as much as 5 times mechanical advantage over manual cutters.
- Cuts all types of copper and aluminum cables up to 2500MCM.





Code No.	Approx. Weight lbs	kg	Length Inch	mm	Copper and Aluminum Cable, All Types Inch	mm	Replacement Cutterhead Code No.
8690FSK	3 1/2	4	27 1/2	700	2	51	**8613FSK**

Ratchet-type, Soft Cable Cutters



8790FSK



8790CS

- Jaws with shear-cut blades, have special pivoting handle to allow cutterhead to be opened to maximum width independent of handle position.
- Cuts copper and aluminum, power and communications cable.
- Specially designed to cut conductors with large insulation.
- Maximum handle spread of 22" (559 mm) for working in confined spaces.
- Advanced cutter gives mechanical advantage of over 50 to 1.
- For special applications contact customer service department.

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Copper and Aluminum Power/ Comm. Cable Inch	mm	Replacement Cutterhead Code No.
8790FSK	10 1/2	5	27 1/2	700	2	51	**8713FSK**
8790CS	15	6	27 1/2	700	3	73	**8713CS**

Ratchet-type, Hard Cable Cutter

1 3/16" (30 mm) Capacity





- Jaw keeper prevents jaws from spreading while under heavy load.
- Shear-cut blades
- Ratchet and chain increase cutting pressure as handles open and close.
- Cuts hard cable, ACSR, ACAR, ZEBRA, and self-supporting telephone cable, with minimal distortion.
- Moderate pressure needed to open and close handles.
- Can be used effectively with short strokes in confined spaces.
- Increased mechanical advantage over manual cutters.
- Not recommended for cutting insulated copper or aluminum cable.

Code No.	Approx. Weight lbs	kg	Length Inch	mm	ACSR, ACAR, ZEBRA, and Telephone Cable (self supporting) Inch	mm	Replacement Cutterhead Code No.
8690FH	10 1/2	5	29 1/4	743	1 3/16	30	**8613FH**

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Ratchet-type, Guy Strand Cutter

1/2" (13 mm) Capacity

- Notched shear-cut blades hold material firmly in place while ratchet and chain produce easy, progressive cuts.
- Cuts EHS guy strand, mild steel rods and bolts, and similar materials.
- Makes clean, square cuts with minimal distortion.
- Increased mechanical advantage over manual cutters.



Code No.	Approx. Weight lbs	Approx. Weight kg	Length Inch	Length mm	EHS Guy Strand Inch	EHS Guy Strand mm	Common Guy Strand Inch	Common Guy Strand mm	Replacement Cutterhead Code No.
8690CK	8 3/4	4	28	711	1/2	13	1/2	13	**8613CK**

Ratchet-type, Wire Rope Cutter

3/4" (19 mm) Capacity

- Ratchet-type jaws with notched shear-cut blades hold and lock material in place.
- Cuts aircraft cable, EHS guy strand, wire rope, and hard, stainless-steel cable.
- Cuts all strands with minimal crushing or distortion.
- Increased mechanical advantage over manual cutters.



Code No.	Approx. Weight lbs	Approx. Weight kg	Length Inch	Length mm	EHS Guy Strand Inch	EHS Guy Strand mm	Aircraft Cable, Hard Stainless Steel Cable Inch	Aircraft Cable, Hard Stainless Steel Cable mm	Replacement Cutterhead Code No.
8690TN	13	6	36	914	5/8	16	3/4	19	**8613TN**

Pneumatic Cutters

Rod Cutter Workhead



- Recommended pressure 6-9 bar.
- Used in the wire-shelving industry.
- No exhaust shock.
- 4 cutterheads available for a wide range of production needs: center-cut, clipper-cut, angular jaws, and end-cut.
- Cuts soft, medium, or hard materials.
- Heavy-duty workhead (9290 series) has 5" bore (127 mm) and 3" stroke (76 mm).
- Light duty workhead (9190 series) has 4" bore (102 mm) and 2" stroke (51 mm).
- Cutting controlled by manual pressure.
- Filter-lubricator units recommended in air supply line for long tool service.
- C- “Center Cut” for soft, medium, hard metals to Brinell 400, Rockwell C42.
  NE- “Clipper Cut” for close cutting, soft or medium hard metals to Brinell 300, Rockwell C31.
  A- “Angular cut” for soft or medium hard netals to Brinell 300, Rockwell C31.

Air consumption per cutting operation at

Type	6 bar	9 bar
9190	2,9 l	4,2 l
9290	6,5 l	9,5 l

		A		B		C		Approx. Weight		Capacity	
Code No.	Description	Inch	mm	Inch	mm	Inch	mm	lbs	kg	Inch	mm
9190C	Light duty, Center Cut	15	381	7 1/4	184	3 1/8	79	11	5	3/8	10
9190NE	Light duty, Clipper Cut	15	381	7 1/4	184	3 1/8	79	11	5	3/8	10
9190A	Light duty, Angular Cut	15	381	7 1/4	184	3 1/8	79	11	5	3/8	10
9290C	Heavy duty, Center Cut	17 1/2	445	10	254	3 3/4	95	18 1/4	9	1/2	13
9290NE	Heavy duty, Clipper Cut	17 1/2	445	10	254	3 3/4	95	18 1/4	9	1/2	13

Replacement Cutterhead

9113C	for 9190C
9213C	for 9290C
9113NE	for 9190NE
9213NE	for 9290NE
9113A	for 9190A

Additional spare parts on inquiry.



Soldering Tools, Accessories, Insulated Screwdriver, and Pliers

Weller®

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Temperature Controlled Soldering Stations

- The temperature range can be controlled between 200°C and 450°C. The WHS40 soldering station from Weller rules out the risk of temperature shocks which can occur with conventional soldering bits.
- Desired temperatures can be set precisely in such a way that you no longer have to worry about overheating sensitive areas.
- Consist of power unit, soldering iron with nickel-plated tip 2,0 mm and support.



Type	Code No.	Watts	Volts	Hz	Weight g	Shelf Pack
WHS40	**0056806699**	40	230	50	1460	1
WHS40 (GB)	**0056806399**	40	230	50	1488	1

Temperature Controlled Digital Soldering Stations

- The new electronically controlled soldering station WHS40D operates with a temperature range of 150°C–450°C.
- The precise soldering tip temperature shows on the digital read-out (pre-set and real value).
- This soldering station is suitable for delicate soldering tasks on temperature sensitive components.
- LED to monitor the heater is integrated in the display.
- The temperature adjusts via buttons.
- Consist of power unit, soldering iron with “Longlife” tip 2,0 mm and support.



Type	Code No.	Watts	Volts	Hz	Weight g	Shelf Pack
WHS40D	**0056828699**	40	230	50	1460	1
WHS40D (GB)	**0056828399**	40	230	50	1490	1

Straight Tips for Soldering Stations WHS40 and WHS40D

Type	Code No.	Packed	Nickel plated	Longlife	Diameter mm	Width mm	Shelf Pack
43113	**0054311399**	Polybag	x		3,5	2,0	1
S3	**0054003499**	Carded	x		3,5	3,5	6
S31	**0054321099**	Carded		x	3,5	0,4	6
S32	**0054321199**	Carded		x	3,5	2,0	6

(S3 = 3 tips on card)

Spare Parts for Soldering Stations WHS40 and WHS40D

Type	Code No.	Description	Weight g	Shelf Pack
WH40	**0056810699**	Soldering Iron with “Longlife” tip 2,0 mm	116	1
	0058743708	Sponge (2 pcs.)	5	1
	0058743709	Spring with funnel	35	1

Expert Soldering Guns



- Red housing with built-in illumination of the solder-joint and cooper soldering tip.
- All purpose gun, that tackles soldering, cutting, sealing and pokerwork with instant heat trough interchangeable tips.
- Operated by fingertip trigger this gun is ready to solder in 7 seconds.
- 8100 UCK/UDK/UCPK contain 8100 Expert soldering gun, coil of multi-purpose solder, cutting tip, smoothing tip and a soldering aid tool.
- UC & UD: Packaging with inspection window without accessories.
- UCK: Packaging with inspection window with accessories.
- UCPK & UDK: In plastic case with accessories.

Type	Code No.	Watts	Volts	Hz	Weight g	Shelf Pack
8100UC	**0050200299**	100	230	50	1300	6
8100UCK	**0050201299**	100	230	50	1330	6
8100UCPK	**0050202299**	100	230	50	1400	6
8100UD (GB)	**0050107299**	100	230	50	1300	6
8100UDK (GB)	**0050107899**	100	230	50	1400	6

Standard Soldering Guns



- Black housing with copper soldering tip.
- Universal soldering gun with instant heat fingertip trigger, ready to solder in 7 seconds.
- Ideal for hobbies, model making and home repairs.
- 9200 UCPK/UDK contain 9200 standard soldering gun, coil of multi-purpose solder, cutting tip, smoothing tip and a soldering aid tool.
- UC & UD: Packaging with inspection window without accessories.
- UCPK & UDK: In plastic case with accessories.

Type	Code No.	Watts	Volts	Hz	Weight g	Shelf Pack
9200UC	**0050206399**	100	230	50	1236	6
9200UCPK	**0053813199**	100	230	50	1390	6
9200UD (GB)	**0050206499**	100	230	50	1230	6
9200UDK (GB)	**0050206999**	100	230	50	1400	6

Weller®

Standard UC3 Soldering Gun

- Housing in ocean blue with copper soldering tip in triangular packaging, not including accessories.



Type	Code No.	Watts	Volts	Hz	Weight g	Shelf Pack
9200UC3	**0050208499**	100	230	50	1080	12

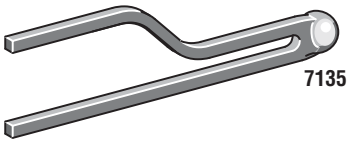
Robust Soldering Guns

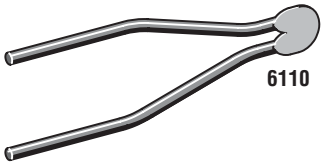
- Yellow housing with built-in solder-joint illumination.
- Professional heavy-duty gun with iron-plated Longlife soldering tip.



Type	Code No.	Watts	Volts	Hz	Weight g	Shelf Pack
05C	**0050500299**	250	230	50	1830	6

Tips for Expert Soldering Gun 8100

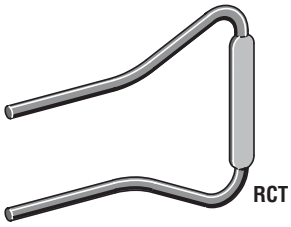




Type	Code No.	Description	Shelf Pack
7135	0054000299	Copper soldering tip (2 on card)	12
6110	0054000199	Cutting tip	12
6120	0054000399	Smoothing tip	12
PL-1	0054001299	Sealing tip & Teflon tape (for sealing plastic)	12
01101	0054001499	Sealing tip (for plastic)	12
RCT	RCT	Rope cutting tip	12

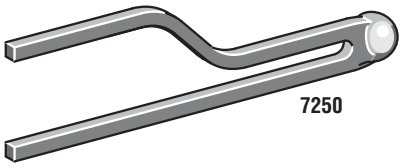
Tips for Standard Soldering Gun 9200

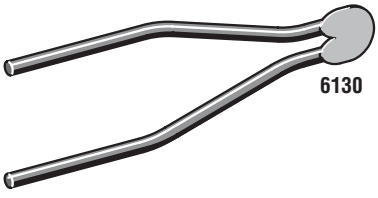




Type	Code No.	Description	Shelf Pack
7135	0054000299	Copper soldering tip (2 on card)	12
6110	0054000199	Cutting tip	12
6120	0054000399	Smoothing tip	12
PL-1	0054001299	Sealing tip & Teflon tape (for sealing plastic)	12
01101	0054001499	Sealing tip (for plastic)	12
RCT	RCT	Rope cutting tip	12

Tips for Robust Soldering Gun 05





Type	Code No.	Description	Shelf Pack
7250	0054000499	Copper soldering tip	12
6150	0054000599	Soldering tip (iron plated, Longlife)	12
6130	0054000899	Cutting tip	12
6140	0054001099	Smoothing tip	12
03102	0054001899	Sealing tip (for plastic)	12

Soldering Irons, SP Series

Fine Duty Irons, 15 Watts

- For fine duty work such as in home electronics, light duty electrical repairs and hobby work.
- Fitted with straight tip, nickel-plated 2,0 mm (type S5).
- ON / OFF indicator light



Type / Code No.		Watts	Volts	Hz	Weight g	Shelf Pack
SP15LEU	(VDE)	15	230	50	338	6
SP15LUK	(GB)	15	230	50	350	6
SP15LCH	(CH)	15	230	50	338	6
SP15LISR	(ISR)	15	230	50	348	6
SP15LZA	(ZA)	15	230	50	348	6
SP15LDK	(DK)	15	230	50	338	6

General Duty Irons, 25 Watts

- All-purpose iron for general electrical repairs in the home and hobby workshop.
- Fitted with straight tip nickel-plated 0,8 mm (type MT1).
- ON / OFF indicator light



Type / Code No.		Watts	Volts	Hz	Weight g	Shelf Pack
SP25LEU	(VDE)	25	230	50	369	6
SP25LUK	(GB)	25	230	50	380	6
SP25LCH	(CH)	25	230	50	369	6
SP25LISR	(ISR)	25	230	50	380	6
SP25LZA	(ZA)	25	230	50	380	6
SP25LDK	(DK)	25	230	50	369	6

Medium Duty Irons, 40 Watts

- Medium duty iron for most general soldering repairs where a little more power is required.
- Fitted with straight tip, nickel-plated 6,3 mm (type MT10).
- ON / OFF indicator light



Type / Code No.		Watts	Volts	Hz	Weight g	Shelf Pack
SP40LEU	(VDE)	40	230	50	402	6
SP40LUK	(GB)	40	230	50	412	6
SP40LCH	(CH)	40	230	50	402	6
SP40LISR	(ISR)	40	230	50	412	6
SP40LZA	(ZA)	40	230	50	412	6
SP40LDK	(DK)	40	230	50	402	6

Heavy Duty Irons, 80 Watts

- Heavy duty iron for making metal repairs, such as battery connections and small metal joining tasks.
- Fitted with straight tip, iron-plated, “Longlife” 9,5 mm (type MTG20).
- ON / OFF indicator light



Type / Code No.		Watts	Volts	Hz	Weight g	Shelf Pack
SP80LEU	**(VDE)**	80	230	50	452	6
SP80LUK	**(GB)**	80	230	50	462	6
SP80LCH	**(CH)**	80	230	50	452	6
SP80LISR	**(ISR)**	80	230	50	462	6
SP80LZA	**(ZA)**	80	230	50	462	6
SP80LDK	**(DK)**	80	230	50	452	6

Soldering Irons, SI Series

Heavy Duty Irons 120, 175 and 200 Watts

- Heavy duty irons for the professional user and light industrial operator.
- For demanding jobs like sheet metal work.
- SI120 fitted with bent tip, nickel-plated 12,5 mm (type 43110)
- SI175 fitted with bent tip, nickel-plated 16,0 mm (type 43111)
- SI251 fitted with bent tip, nickel-plated 20,0 mm (type 43112)



Type		Code No.	Watts	Volts	Hz	Weight g	Shelf Pack
SI120		**0056807699**	120	230	50	930	6
SI120	**(GB)**	**0051807799**	120	230	50	870	6
SI175		**0056808699**	175	230	50	1030	6
SI175	**(GB)**	**0051808799**	175	230	50	970	6
SI251		**0056809699**	200	230	50	1190	6

Soldering Tips, Nickel-Plated, Packed on Card

For Soldering Iron	Type	Code No.	Description	Diameter mm	Width mm	Shelf Pack
SP15L / SI15	S5	0054313199	straight, 3 pcs.	3,5	2,0	6
	S3	0054003499	straight, 3 pcs.	3,5	3,5	6
SP25L	MT1	0054313299	straight, 3 pcs.	4,5	0,8	6
	MT2	0054313399	straight, 3 pcs.	4,5	4,0	6
	MT6	0054313499	smoothing tip, 1 pc.	4,5	10,0	6
	HK11	0054313599	hot knife, 1 pc.	4,5	–	6
SP40L / SI40	MT10	0054313699	straight, 3 pcs.	6,3	6,3	6
	S4	0054003299	bent, 3 pcs.	6,3	6,3	6
SP80L / SI75	S8	0054003399	bent, 2 pcs.	9,5	9,5	6
SI100 / SI120	S7	0054311099	bent, 1 pc.	12,5	12,5	6

Soldering Tips, Nickel-Plated, Packed in Polybag

For Soldering Iron	Type	Code No.	Description	Diameter mm	Width mm	Shelf Pack
SP15L / SI15	43113	0054311399	straight	3,5	2,0	1
	43115	0054311599	straight	3,5	3,5	1
SI25	43003	0054300329	straight	4,5	4,5	1
	43004	0054300499	bent	4,5	4,5	1
SP40L / SI40	43105	0054310500	straight	6,3	6,3	1
	43108	0054310899	bent	6,3	6,3	1
SP80L / SI75	43106	0054310629	straight	9,5	9,5	1
	43109	0054310929	bent	9,5	9,5	1
SI100 / SI120	43107	0054310799	straight	12,5	12,5	1
	43110	0054311000	bent	12,5	12,5	1
SI175	43111	0054311199	bent	16,0	16,0	1
SI251	43112	0054311299	bent	20,0	20,0	1

Soldering Tips, Iron-Plated “Longlife”, Packed on Card

For Soldering Iron	Type	Code No.	Description	Diameter mm	Width mm	Shelf Pack
SP15L / SI15	S31	0054321099	straight	3,5	0,4	6
	S32	0054321199	straight	3,5	2,0	6
SI25	S33	0054320099	straight	4,5	2,0	6
	S34	0054320199	straight	4,5	3,0	6
	S35	0054320299	straight	4,5	5,0	6
SP40L / SI40	S36	0054322099	straight	6,3	5,0	6
	S37	0054322299	bent	6,3	5,0	6
SP80L / SI75	S38	0054323099	straight	9,5	7,0	6
	S39	0054323299	bent	9,5	7,0	6
	MTG20	0054313799	straight	9,5	9,5	6
SI100 / SI120	S41	0054324399	bent	12,5	12,5	6

Replacement Parts for Soldering Irons

For Soldering Iron	Type	Code No.	Description	Shelf Pack
SI120	**12202**	**0051220200**	Supporting Screw for tip	1
	87167	**0058716779**	Handle	1
	10203	**0051020300**	Screw for handle	1
	11631	**0051163100**	Nylon screw for handle	1
	70009	**0057000900**	Terminal wire, 3-pole	1
	11624	**0051162400**	Socket for cable	1
	64256	**0056425699**	Replacement heating element	1
SI175	**12202**	**0051220200**	Supporting screw for tip	1
	87167	**0058716779**	Handle	1
	10203	**0051020300**	Screw for handle	1
	11631	**0051163100**	Nylon screw for handle	1
	70009	**0057000900**	Terminal wire, 3-pole	1
	11624	**0051162400**	Socket for cable	1
	64266	**0056426699**	Replacement heating element	1
SI251	**12202**	**0051220200**	Supporting screw for tip	1
	87167	**0058716779**	Handle	1
	10203	**0051020300**	Screw for handle	1
	11631	**0051163100**	Nylon screw for handle	1
	70009	**0057000900**	Terminal wire, 3-pole	1
	11624	**0051162400**	Socket for cable	1
	64276	**0056427699**	Replacement heating element	1

Soldering Irons, Series Mini 2000

- Specifically designed for the electronic hobbyist.
- Lightweight iron, perfectly balanced, with an ergonomically designed handle.
- Available in 12, 15 and 20 Watts plus a 12 Volt version with 15 Watts for connecting to a car battery.
- Type WM12 fitted with nickel-plated tip, width 2,4 mm
- Type WM12L fitted with iron-plated “Longlife” tip, width 2,0 mm
- Type 2012 fitted with nickel-plated tip, width 0,65 mm
- Type WM15L and WM15L12 fitted with iron-plated “Longlife” tip, width 2,0 mm
- Type 2015 fitted with nickel-plated tip, width 2,0 mm
- Type WM20 and 2020 fitted with nickel-plated tip, width 3,5 mm
- WM20L fitted with iron-plated “Longlife” tip, width 3,5 mm



Type	Code No.	Watts	Volts	Hz	Weight g	Shelf Pack
WM12	**0056811199**	12	230	50	215	6
WM12L	**0056812199**	12	230	50	215	6
2012 (GB)	**0056811299**	12	230	50	195	6
WM15L	**0056813199**	15	230	50	215	6
WM15L12	**0056810099**	15	12	AC/DC	145	6
2015 (GB)	**0056814299**	15	230	50	198	6
WM20	**0056815199**	20	230	50	220	6
WM20L	**0056816199**	20	230	50	220	6
2020 (GB)	**0056815299**	20	230	50	200	6

Soldering Tips for Soldering Irons, Series Mini 2000



For Soldering Iron	Type	Code No.	Width mm	Nickel Plated	Iron-Plated “Longlife”	Shelf Pack
WM12	**MTN1**	**0054301099**	0,65/2,4	x		6
WM20	**MTN2**	**0054301199**	2,4/3,5	x		6
WM12L,WM15L	**MTL1**	**0054301299**	2,0		x	6
WM20L	**MTL2**	**0054301399**	3,5		x	6
2012 (GB)	**STT1**	**0054329599**	0,25	x		6
2015 (GB)	**STT2**	**0054329699**	2,0	x		6
2020 (GB)	**STT3**	**0054329799**	3,5	x		6

(Tips STT = 3 pcs./all tips are packed on card)

Support KH15



Type	Code No.	Description	Weight g	Shelf Pack
KH15	**0051502199**	For soldering irons, series Mini 2000	425	1

Support AH1



Type	Code No.	Description	Weight g	Shelf Pack
AH1	**0051239800**	For soldering irons up to 75 Watts, Hobbykit 1 & 2 and Series Mini 2000	20	1

Support AH2/AH3



Type	Code No.	Description	Weight g	Shelf Pack
AH2	**0058718701**	For soldering irons up to 100 Watts	69	1
AH3	**0058718700**	For soldering irons up to 200 Watts	75	1

Weller®

Support KH30



Type	Code No.	Description	Weight g	Shelf Pack
KH30	**0051504099**	For soldering irons up to 100 Watts, Hobbykit 1 and 2	620	1

PCB Holder

- Maximum mounting surface of 160 x 235 mm.
- PCB's and components can be rotated through 360° at increments of 15°.
- Work-piece is held in place by spring clamps.
- Side pieces are adjustable along a continuum. Hexagonal socket screws hold in place.
- Built-in, non-slip rubber feet.
- A firm work surface is assured by a well positioned centre of gravity and built-in rubber feet.
- Moveable arm with cushion grip holds components in place.
- Offers many possibilities for attaching different shaped components, connectors, soldering strips etc.



Type	Code No.	Description	Weight g	Shelf Pack
ESF120	**0051502599**	Euro-Solder-Fix	460	1

Solder, Lead Free, EL99/1







- "Lead free" solder S-Sn99Cu1, DIN EN 29453 (Sn99,3Cu0,7). 2,2% resin DIN EN 29454, 1.1.2.B

Type	Code No.	Description	Packed	Shelf Pack
EL99/1-25	**0054025099**	Lead free solder 25 g, Ø 1,0 mm	Carded	6
EL99/1-100	**0054025199**	Lead free solder 100 g, Ø 1,0 mm	Carded	6
EL99/1-250	**0054025299**	Lead free solder 250 g, Ø 1,0 mm	Carded	6

Solder BL50/50-100



Type	Code No.	Description	Packed	Shelf Pack
BL 50/50-100	**0054002499**	Solder 100 g, Ø 1,5 mm L-Sn 50 PbCu/zh DIN 8516, F-SW 26	Carded	6

Solder RL 60/40-100



Type	Code No.	Description	Packed	Shelf Pack
RL 60/40-100	**0054002599**	Solder with a resin-core, 100 g, Ø 1,5 mm L-Sn 60 PbCu 2/zh DIN 8516, F-SW 26	Carded	6

Soldering Grease LF 25



Type	Code No.	Description	Packed	Shelf Pack
LF 25	**0054002699**	Soldering grease, 20 g DIN 8511, F-SW 21	Carded	6

Solder Solution LW 25



Type	Code No.	Description	Packed	Shelf Pack
LW 25	**0054002799**	Solder solution, approx. 25 ml. DIN 8511, F-SW 12	Carded	6

Stone salmiak LS 25



Type	Code No.	Description	Packed	Shelf Pack
LS 25	**0054002899**	Stone salmiak, approx. 70 g 65 x 45 x 20 mm, Ammonium chloride	Carded	6

Solder BL 50/50-250



Type	Code No.	Description	Packed	Shelf Pack
BL 50/50-250	**0054004399**	Solder, 250 g, Ø 1,5 mm L-Sn 50 PbCu/zh DIN 8516, F-SW 26	Carded	6

Solder RL 60/40-250



Type	Code No.	Description	Packed	Shelf Pack
RL 60/40-250	**0054004299**	Solder with resin-core , 250 g, Ø 1,5 mm L-Sn 60 PbCu 2/zh DIN 8516, F-SW 26	Carded	6

Solder L 60/40-25



Type	Code No.	Description	Packed	Shelf Pack
L 60/40-25	**0054002999**	Solder with resin-core, 25 g, Ø 1 mm on reel L-Sn 60 PbCu 2/zh DIN 8516, F-SW 26	Carded	6

Electronic Solder EL 60/40-100



Type	Code No.	Description	Packed	Shelf Pack
EL 60/40-100	**0054004599**	Electronic solder with resin-core, 100 g, Ø 1 mm L-Sn 60 PbCu 2/zh DIN 8516, F-SW 26	Carded	6

Tiffany Solder TL 60/40-100



Type	Code No.	Description	Packed	Shelf Pack
TL 60/40-100	**0054009099**	Solder, 100 g, Ø 3 mm, for Tiffany work L-Sn 60 Pb (Sb)/zh EN 29453	Carded	6

Solder Assortment WLS 20-65



Type	Code No.	Description	Packed	Shelf Pack
WLS 20-65	**0054009499**	Solder assortment 1 Solder Wire, 20 g, Ø 1,5 mm L-Sn 50 PbCu/zh, DIN 8516, F-SW 26 1 Stone 65 x 45 x 20 mm, Ammonium chloride 1 Solder solution DIN 8511, F-SW 12 1 Solder grease DIN 8511, F-SW 21	Carded	6

Solder Rods WLS 30



Type	Code No.	Description	Packed	Shelf Pack
WLS 30	**0054010699**	3 Solder rods, 20 cm long, approx. 40 g each L-PbSn 30 (Sb), EN 29453	Carded	6

Fitting Solder FL 97/3



Type	Code No.	Description	Packed	Shelf Pack
FL 97/3	**0054010999**	Fitting solder No. 3, 100 g, Ø 3 mm L-Sn Cu 3/zh, EN 29453	Carded	6

Other Accessories



DSP11

Type	Code No.	Description	Packed	Shelf Pack
EL1	**0054006599**	Desoldering wire, width 1,5 mm	Carded	6
EL2	**0054006699**	Desoldering wire, width 2,2 mm	Carded	6
DSP11	**0054011099**	Desoldering pump	Carded	6
WS1	**0054007599**	“Strippi” Wire Stripper	Carded	6
SW1	**0054006799**	Sponge for all KH supports	Carded	6
22419	**0052241999**	Sponge, 5 pcs., for all KH supports	Polybag	6

Battery Powered Soldering Iron

- Fast Heat-Up Battery Powered Soldering Iron.
- The heating element is in the tip for super-fast heat-up.
- Heats up to working temperature in under 15 seconds.
- Red LED light indicates when power is on.
- Protective safety cap turns off power when placed on tool.
- Over 120 intermittent solder joints with fresh batteries.
- Perfect for field service repair on small parts and components.
- Includes iron, tip, 3 DuraCell AA batteries, lead-free solder and tip wrench.



CE

Type / Code No.	Description	Watts	Weight g	Shelf Pack
BP645EU	Battery powered soldering iron	6	179	5

Cordless Soldering Irons, 15 Watts



WC110C

- Heats up to approx. 370°C in 6 seconds.
- Fingertip control with safety-lock switch.
- “Longlife” nickel cadmium batteries fully charged overnight.
- Interchangeable tips
- Built-in work light
- Slim, lightweight balanced design
- Packed in coloured carton consisting of soldering iron complete with tip WC 112 and battery charger.

Type	Code No.	Watts	Volts	Hz	Weight g	Shelf Pack
WC110C	**0051604299**	15	230	50	464	6

Tips for Cordless Soldering Irons

- For Soldering Irons WC110C and WC100CPK.
- Tips with built-in heating element.

Type	Code No.	Description	Width mm	Shelf Pack
WC111	**0051611199**	chisel	2,5	6
WC112	**0051611099**	chisel	1,5	6
WC113	**0051611299**	pointed	0,8	6

Butane Gas Operated Soldering Iron WP2 Pyropen Jr.



- Mini iron soldering and brazing that goes everywhere with temperature control.
- Recharged in seconds
- This easy-to-handle butane gas operated soldering pen requires no power cord or batteries and is electrically completely neutral (no peaks).
- “Longlife” soldering tips deliver quick heat-up time.
- Temperature control of soldering iron: 200–450°C Hotblow feature: 430°C max., torch feature: 1300°C max. All temperature are approximate.
- Consist of WP2 Pyropen Jr., iron holder, cleaning sponge, tapered needle “Longlife” tip 0,5 mm (71-01-01) and gas-refill.

Type	Code No.	Description	Weight g	Shelf Pack
WP2	**0051606599**	Pyropen Jr.	245	1

Soldering Tips for WP2 Pyropen Jr.

- "Longlife" soldering tips with catalyst.
- All tips are packed on card.


71-01-01


71-01-02


71-01-03


71-01-04

Type	Code No.	Description	Width mm	Shelf Pack
71-01-01	**0051616599**	Tapered needle	0,5	6
71-01-02	**0051616699**	Chisel point	3,0	6
71-01-03	**0051616799**	Spade point	3,0	6
71-01-04	**0051616199**	Chisel point	5,0	6

Hot Air Tips for WP2 Pyropen Jr.

- "Longlife" hot air tips with catalyst.
- All tips are packed on card.


71-01-50

Type	Code No.	Description	Diameter mm	Shelf Pack
71-01-50	**0051616899**	Hot air nozzle	1,5	6
71-01-52	**0051616999**	Hot air nozzle	4,9	6

Spare Parts for WP2 Pyropen Jr.

Type	Code No.	Description	Shelf Pack
71-02	**0051617099**	Closing cap	6
71-04	**0051617199**	Burner nozzle	6
71-07	**0051617299**	Torch ejector	6
71-14	**0051617399**	Curled nut	6
71-15	**0051617499**	Burner seal	6
71-25	**0051617599**	Spring	6
71-28	**0051617699**	Igniter	6
70-37U	**0051615499**	Sponge holder with sponge	6
PP	**0051615599**	Tool support	6
RB-TS	**0051616099**	Gas refill, Iso Butan 75 ml	1

Butane Gas Operated Soldering Iron WP1 with Piezo Ignition



- This soldering iron, operated using butane gas, has infinitely variable temperature control.
- Recharged in seconds
- Easy-to-handle, requires no power cord or batteries and is electronically completely neutral (no peaks).
- “Longlife” soldering tips deliver quick heat-up time.
- It can also be used as a hot air unit for shrinking plastic.
- Consist of gas soldering iron WP1 complete with soldering tip 91-01-01, hot air tip 91-01-52 and closure cap.

Type	Code No.	Description	Weight g	Shelf Pack
WP1	**0051608599**	Gas soldering iron with piezo ignition	139	6

Soldering Tips, Hot Air Nozzless and Blow Torch for WP1


91-01-01


91-01-50


91-01-02


91-01-52


91-01-03


91-01-53


91-01-04

- All tips and nozzles with catalyst.
- Packed on card.

Type	Code No.	Description	Width mm	Shelf Pack
91-01-01	**0051638599**	Soldering tip needle shaped	1,0	6
91-01-02	**0051638699**	Soldering tip chisel shaped	2,4	6
91-01-03	**0051638799**	Soldering tip round shaped bevelled	2,0	6
91-01-04	**0051638899**	Soldering tip chisel shaped	5,0	6
91-01-50	**0051638999**	Hot air nozzle, Ø 1,5 mm		6
91-01-52	**0051639099**	Hot air nozzle, Ø 4,7 mm		6
91-01-53	**0051639299**	Cutting knife		6
91-07U	**0051639199**	Blow torch		6

Butane Gas Operated Soldering Iron Weller/Portasol WC1

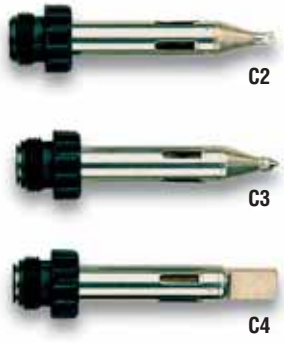
- Operated using butane gas.
- Refillable and can be used anywhere.
- Consist of gas soldering iron with tip C2 and closure cap with built-in spark lighter.



Type	Code No.	Description	Weight g	Shelf Pack
WC1	**0051608099**	Gas soldering iron	85	6

Soldering Tips for WC1

- All tips with catalyst.
- Packed on card.



Type	Code No.	Description	Width mm	Shelf Pack
C2	**0051630099**	Soldering tip chisel shaped	3,0	6
C3	**0051630199**	Soldering tip fine	0,4	6
C4	**0051630299**	Cutting knife		6

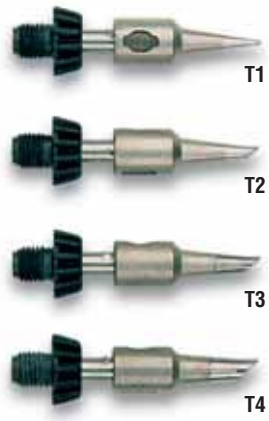
Butane Gas Operated Soldering Iron Kit Weller / Portasol P1K

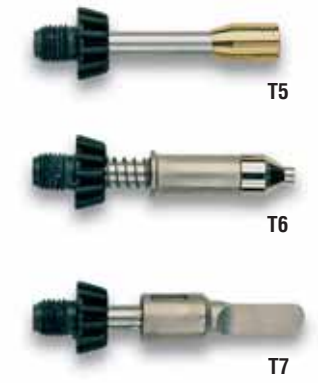


- This gas soldering kit has four tools in one: soldering tip, flame nozzle, hot air nozzle and hot cutting knife.
- Operated using butane gas.
- Refillable and can be used anywhere.
- Approx. temperature soldering tips, hot air nozzle and cutting knife: up to 450°C, flame nozzle: up to 1300°C
- Consist of gas soldering iron with tip T2, flame nozzle T5, hot air nozzle T6, cutting knife T7, cleaning sponge and safety rest in a sturdy storage box.

Type	Code No.	Description	Weight g	Shelf Pack
P1K	**0051608499**	Gas soldering iron kit	355	6

Soldering Tips, Nozzles & Cutting Knife for P1K





- All tips and nozzles with catalyst.
- Packed on card.

Type	Code No.	Description	Width mm	Shelf Pack
T1	**0051630399**	Soldering tip	1,0	6
T2	**0051630499**	Soldering tip	2,4	6
T3	**0051630599**	Soldering tip	3,2	6
T4	**0051630699**	Soldering tip	4,8	6
T5	**0051630799**	Flame nozzle		6
T6	**0051630899**	Hot air nozzle		6
T7	**0051630999**	Cutting knife		6

Butane Gas Operated Soldering Iron WP4 with Piezo Ignition

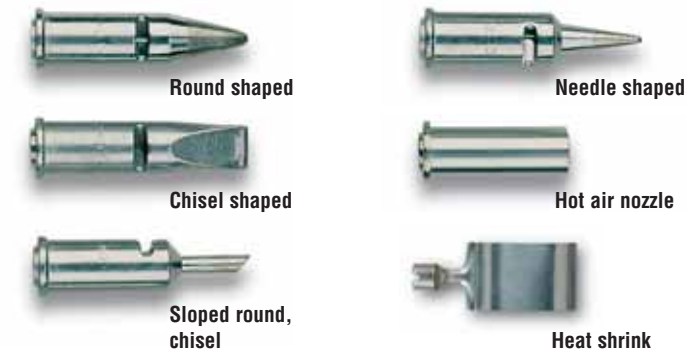
- This soldering iron, operated using butane gas has infinitely variable temperature control.
- Recharged in seconds. Gas container capacity 63 m.l
- Easy-to-handle, requires no power cord or batteries and is electrically completely neutral (no peaks).
- Approx. temperature soldering tip: 300 – 530°C, hot air nozzles: 700°C, butane torch: 1300°C
- Consist of self-igniting gas soldering iron with tip 72-01-07, hot air nozzle 72-01-52, shrinking attachment 72-01-55, spanner and open wrench.



Type	Code No.	Description	Weight g	Shelf Pack
WP4 Piezo	**0051607499**	Gas soldering iron self-igniting	400	1

Soldering Tips and Hot Air Nozzles for WP4 Piezo

- All tips and nozzles with catalyst.
- Packed in poly bag.



Type	Code No.	Description	Width mm	Shelf Pack
72-01-01	**0051628599**	Soldering tip, round shaped	3,0	1
72-01-02	**0051628699**	Soldering tip, chisel shaped	10,0	1
72-01-03	**0051628799**	Soldering tip, sloped round 45°	4,0	1
72-01-05	**0051628899**	Soldering tip, needle shaped	1,5	1
72-01-06	**0051628999**	Soldering tip, chisel sloped 45°	4,0	1
72-01-07	**0051629099**	Soldering tip, chisel shaped	1,5	1
72-01-12	**0051629199**	Soldering tip, chisel shaped	4,0	1
72-01-51	**0051629899**	Hot air nozzle, Ø 3,6 mm		1
72-01-52	**0051629399**	Hot air nozzle, Ø 6,6 mm		1
72-01-53	**0051629499**	Hot air nozzle, Ø 9,7 mm		1
72-01-54	**0051629599**	Heat shrink attachment	27	1
72-01-55	**0051629699**	Heat shrink attachment	32	1

Hobbykit 1 for Pokerwork, 25 Watts



- Specially designed for wood, cork, leather burning and candle sculpting.
- Consist of hobby iron, straight tip 0,8 mm and sloped tip 50° / 4,0 mm, tool support and operating instruction.
- ON / OFF indicator light

Type / Code No.		Watts	Volts	Hz	Weight g	Shelf Pack
HK1EU	**(VDE)**	25	230	50	388	6
HK1UK	**(GB)**	25	230	50	398	6
HK1CH	**(CH)**	25	230	50	388	6
HK1ISR	**(ISR)**	25	230	50	398	6
HK1ZA	**(ZA)**	25	230	50	398	6
HK1DK	**(DK)**	25	230	50	388	6

Stylus Points and Tips for Hobbykit 1



- All stylus points and tips packed on card



BS10SP **BS11SP** **BS12SP**

Type	Code No.	Description	Shelf Pack
MT5 / MT9	**0054313899**	2 tips, straight 0,8 mm and sloped 50°/ 4,0 mm	6
BS10SP	**BS10SP**	5 stylus points for decorative designs	6
BS11SP	**BS11SP**	5 stylus points for decorative designs	6
BS12SP	**BS12SP**	5 stylus points for decorative designs	6

Hobbykit 2 Stained Glass Soldering Iron, 80 Watts

- A safe hobby iron designed for decorative glass work (Tiffany) around the house, such as lamp shades and glass pictures.
- Consist of hobby iron with tip SG10, tool support and operating instruction.
- ON / OFF indicator light



Type / Code No.		Watts	Volts	Hz	Weight g	Shelf Pack
HK2EU	**(VDE)**	80	230	50	445	6
HK2UK	**(GB)**	80	230	50	455	6
HK2CH	**(CH)**	80	230	50	445	6
HK2ISR	**(ISR)**	80	230	50	455	6
HK2ZA	**(ZA)**	80	230	50	455	6
HK2DK	**(DK)**	80	230	50	445	6

Soldering Tips for Hobbykit 2

- All soldering tips packed on card.



SG10

SG11, WHA30, WHA31

Type	Code No.	Description	Width mm	Shelf Pack
SG10	**0054327099**	“Longlife” tip, iron-plated, sloped 45°	7,0	6
SG11	**0054327299**	“Longlife” tip, iron-plated, chisel shaped	5,0	6
WHA30	**0054005399**	“Longlife” tip, iron-plated, chisel shaped	10,0	6
WHA31	**0054005499**	“Longlife” tip, iron-plated, chisel shaped	6,0	6

Temperature Controlled Stained Glass Iron, 100 Watts



- Temperature controlled stained glass iron made to the highest professional standards.
- Temperature is controlled according to the Weller® Magnastat Principle.
- The Weller® soldering irons with automatic temperature control guarantee an outstanding heat supply and restrict the energy supply when the tool idles.
- Working temperature: approx. 340°C
- Idle temperature: approx. 370°C
- Consist of stained glass iron with tip SG40, iron support and operating instruction.

Type	Code No.	Watts	Volts	Hz	Weight g	Shelf Pack
Profikit 100	**0056208699**	100	230	50	445	1

Soldering Tips for Profikit 100



- All soldering tips packed on card.

Type	Code No.	Description	Width mm	Shelf Pack
SG40	**0054005799**	“Longlife” tip, iron-plated, straight, sloped 45°	7	6
SG41	**0054005899**	“Longlife” tip, iron-plated, straight, chisel shaped	7	6
SG43	**0054006099**	“Longlife” tip, iron-plated, bent, chisel shaped	7	6

Temperature Controlled Stained Glass Iron, 200 Watts

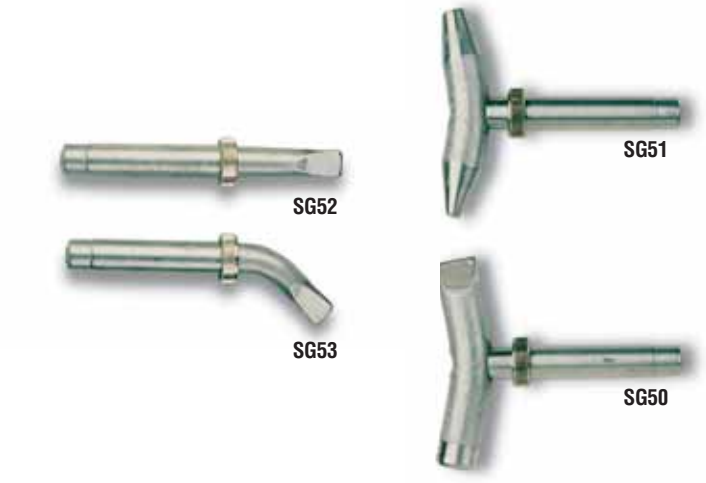
- Temperature controlled stained glass iron made to the highest professional standards.
- Temperature is controlled according to the Weller® Magnastat Principle.
- The Weller® soldering irons with automatic temperature control guarantee an outstanding heat supply and restrict the energy supply when the tool idles.
- Working temperature: approx. 290°C
- Idle temperature: approx. 335°C
- Consist of stained glass iron with hammer soldering tip SG50/6, iron support and operating instruction.



Type	Code No.	Watts	Volts	Hz	Weight g	Shelf Pack
Profikit 200	**0056209699**	200	230	50	976	1

Soldering Tips for Profikit 200

- All soldering tips packed in polybag.
- Tips with Weller® Magnastat temperature control for higher temperature on request.



Type	Code No.	Description	Width mm	Shelf Pack
SG50/6	**0054006199**	“Longlife” tip, iron-plated, hammer shaped, Ø 16 mm		1
SG51/6	**0054006299**	“Longlife” tip, iron-plated, hammer shaped, Ø 6 and 10 mm		1
SG52/6	**0054006399**	“Longlife” tip, iron-plated, chisel shaped, straight	10	1
SG53/6	**0054006499**	“Longlife” tip, iron-plated, chisel shaped, bent	10	1

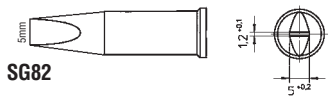
Soldering Station for Stained Glass, 80 Watts



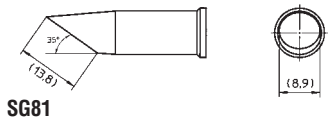
- The fast heat-up time and 80 watts power of the WSS80, starts you soldering while slower stations are still heating up.
- The higher power reserve increases the ability to work on large, stained glass soldering sections without interruption caused by a drop in power.
- Despite the 80 watts power, the handle of the iron always stays cool.
- The small sized WSS80 gives the user more space on the workbench.
- Consist of soldering station with iron fitted with soldering tip SG81, safety iron support and oerating instruction.

Type	Code No.	Watts	Volts	Hz	Weight g	Shelf Pack
WSS80	**0056804699**	80	230	50	2600	1

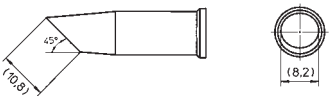
Soldering Tips for WSS80



SG82



SG81



SG80

- All soldering tips packed in polybag.

Type	Code No.	Description	Width mm	Shelf Pack
SG80	**0054013199**	“Longlife” tip, iron-plated, straight, sloped 45°	7	6
SG81	**0054013299**	“Longlife” tip, iron-plated, straight, sloped 35°	7	6
SG82	**0054013399**	“Longlife” tip, iron-plated, straight, chisel shaped	5	6

Weller®

Screwdrivers, 1000 Volts Insulated

- Insulated according Norm 1000 V 05 IEC 60900
- VDE / GS certificated
- Co-molded handles for maximum comfort
- Blades made of 8660 steel

Phillips®

1000 V



PH210

Type / Code No.	Description	Blade Length in mm	Weight in g	Shelf Pack
PH080	Phillips® PH 0 x 80	80	32	12
PH110	Phillips® PH 1 x 100	100	85	12
PH210	Phillips® PH 2 x 100	100	95	12
PH315	Phillips® PH 3 x 150	150	180	12

Pozidriv

1000 V



PZ210

Type / Code No.	Description	Blade Length in mm	Weight in g	Shelf Pack
PZ080	Pozidriv PZ 0 x 80	80	32	12
PZ110	Pozidriv PZ 1 x 100	100	85	12
PZ210	Pozidriv PZ 2 x 100	100	95	12
PZ315	Pozidriv PZ 3 x 150	150	180	12

Slotted

1000 V



SL40

Type / Code No.	Description	Blade Length in mm	Weight in g	Shelf Pack
SL25	Slotted 2,5 x 0,4 x 80	80	32	12
SL40	Slotted 4,0 x 0,8 x 100	100	58	12
SL65	Slotted 6,5 x 1,2 x 150	150	117	12



Type / Code No.	Description	Weight in g	Shelf Pack
SD8SET	Screwdriver Set 8 pcs. Consist of: Slotted 2,5 x 80 / 4,0 x 100 / 6,5 x 150 Phillips® PH 1 x 100 / PH 2 x 100 Pozidriv PZ 1 x 100 / PZ 2 x 100 Main Tester 140	692	6

1000 V

Phillips® is a registered trademark of the Phillips® Screw Company.

Pliers, 1000 Volts Insulated

NEW PRODUCT

- Insulated according Norm 1000 V 05 IEC 60900
- VDE / GS certificated
- Co-molded handles for maximum comfort

1000 V

Type / Code No.	Description	Length mm	Weight g	Shelf Pack
 **CP180**	Combination Pliers	180	301	6
 **HLCP180**	High Leverage Combination Pliers	180	325	6
 **DCN160**	Diagonal Cutting Nipper	160	243	6
 **HLDCN160**	High Leverage Diagonal Cutting Nipper	160	256	6
 **LNP200**	Long Nose Pliers	200	241	6
 **WS160**	Wire Stripper	160	224	6
 **TGP250**	Tongue & Groove Pliers	250	428	6



Scissors, Snips, and Cutting Tools

Wiss®

Wiss®

Wiss® Table of Contents

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Key to Symbol
 Length of Cut

Metalmaster® Compound Action Snips



The Wiss® line of Metalmaster® compound action snips is the most complete line on the market. Metalmaster® snips are one of the most advanced metal cutting tools available today. Originally developed for cutting the extremely tough alloys used in the aircraft industry, (hence the nickname Aviation snips), Metalmaster® snips have become the favorite of most craftsman who work with metal. Wiss® Metalmaster® snips are widely used by home craftsman and professional metal workers in gutter and flashing work, fabrication of heating and cooling ducts and for aluminum siding installation.
Wiss® Metalmaster® snips are indispensable to homeowners and maintenance specialists and to industrial workers in the appliance, aircraft, automotive, electrical, and construction industries. It is the versatility of Wiss® Metalmaster® snips, in addition to their superior cutting qualities, that has made them so popular. Wiss® Metalmaster® snips cut with half the effort required of conventional snips and handle even the biggest jobs. They cut acute angles, complex patterns and perfect circles of even small diameter in galvenized steel up to 18 gauge (0,049" / 1,22 mm).
The M5R is recommended for 16 gauge (0,065" / 1,65 mm).

The jaws of Wiss® Metalmaster® snips are made of extra tough and wear-resistant special molybdenum steel to provide the extra service demanded by the compound lever action and to withstand the severe strain of cutting heavy stock or tight curves. The M41R Pipe and Duct Snips have been specifically developed for the heating and air conditioning industry. They also feature the compound lever action, but have in addition a ball bearing jaw action that automatically adjusts the blade clearance to ensure a squarer, cleaner cut. They cut flat sheet metal without distortion to cut edges.

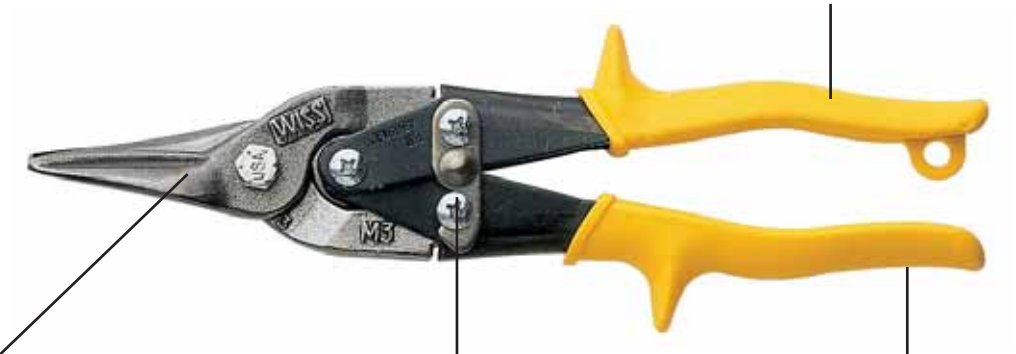
The Wiss® MultiMaster® combines the long cut of tinners snips with the strength of compound action. This compound action multiplies the force of the hand by 5 times. It is great for making long, fast cuts in several types of material including: paper, plastic, sheet metal, aluminum, vinyl siding, and screening. The Wiss® MultiMaster® cuts up to 20 guage steel.
The Wiss® MultiMaster® features non-slip, serrated jaws and non-slip textured grips.

Snips selection chart
To find the proper snips for your requirements, check the chart below. Simply find your requirements in the listing. The applicable snips are indicated in the chart.

	Metalmaster M1R, M2R M3R, & M300	M6R, M7R	M41R	Snips B series	MPC3	Metalmaster M5R	Metalmaster Special series M1RS1 & M2RS1
Do-it-yourselfer	•	•	•	•	•		
Roofer	•	•		•			
Mechanic	•	•		•			
Autobody Worker	•	•		•			
Plumber	•	•		•			
Heating & Cooling Specialist	•	•	•	•			
Electrician	•	•		•			
Vocational Teacher	•	•	•	•		•	
Maintenance Worker	•	•		•			
WISS SNIPS FOR SPECIAL JOBS							
Notching & Nibbling Heavy Stock						•	
Cutting Curves	•	•					•
Double Cut-Snips			•				

Metalmaster® Compound Action Snips

- Non-slip serrated jaws of Wiss® Metalmaster® snips are made of extra tough, wear-resistant molybdenum steel to provide extra service demanded by the compound lever action.
- Withstands severe strain of cutting heavy stock and tight curves.
- Handles are formed of high strength steel.
- Handles have a margin of strength far above the limit of hand power that can be exerted.



Metalmaster® Compound Action Snips

Left Cut, Cuts left from tight curves to straight
M1R



Right Cut, Cuts right from tight curves to straight
M2R



Code No.	Grip colour	Length Inch	Length mm	Inch	mm	Recommended max. capacity low carbon cold rolled steel	Pack Weight oz	Pack Weight g	Shelf Pack
M1R	Red	9 3/4	248	1 3/8	35	18 Gauge Steel (0,049"/1,22mm)	84	2381	6
M2R	Green	9 3/4	248	1 3/8	35	18 Gauge Steel (0,049"/1,22mm)	84	2381	6

Wiss®

Metalmaster® Compound Action Snip

- Cuts straight, left or right in light stock.
- Perfect for home craftsman.



Code No.	Grip colour	Length Inch	Length mm	Inch	mm	Recommended max. capacity low carbon cold rolled steel	Pack Weight oz	Pack Weight g	Shelf Pack
M3R	Yellow	9 3/4	248	1 1/2	38	18 Gauge Steel (0,049"/1,22 mm)	84	2381	6

Metalmaster® Offset Snips

- M6R cuts left and straight.
- M7R cuts right and straight.
- Offset blades keep hands clear of metal.
- Non-slip serrated jaw of tough molybdenum steel allows for compound lever action.
- Withstands strain of cutting heavy stock and tight curves.
- Spring-action for fast, effortless feed.
- Handle of high tensile strength alloy steel exceeds hand power limit.
- Handy hang-up hole.
- Non-slip, textured grips and safety latch for superior control.

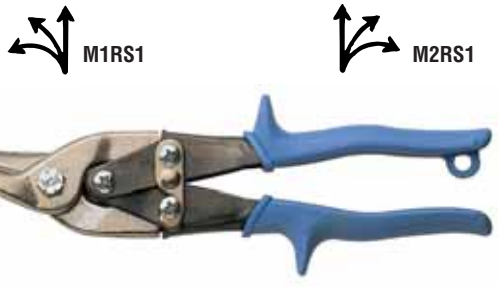




Code No.	Grip colour	Length Inch	Length mm	Inch	mm	Recommended max. capacity low carbon cold rolled steel	Pack Weight oz	Pack Weight g	Shelf Pack
M6R	Red	9 1/4	233	1 1/4	32	18 Gauge Steel (0,049"/1,22 mm)	84	2381	6
M7R	Green	9 1/4	233	1 1/4	32	18 Gauge Steel (0,049"/1,22 mm)	84	2381	6

Metalmaster® Special Series Snips

- M1RS1 cuts left.
- M2RS1 cuts right.
- Specially hardened to cut exotic metals.
- Non-slip serrated jaw of tough molybdenum steel allows for compound lever action.
- Withstands strain of cutting heavy stock and tight curves.
- Spring-action for fast, effortless feed.
- Handle of high tensile strength alloy steel exceeds hand power limit.
- Handy hang-up hole.
- Non-slip, textured grips and safety latch for superior control.



Code No.	Grip colour	Length Inch	Length mm	Inch	mm	Recommended max. capacity low carbon cold rolled steel	Pack Weight oz	Pack Weight g	Shelf Pack
M1RS1	Blue	9 3/4	248	1 3/8	35	18 Gauge Stainless Steel (0,049"/1,22 mm)	84	2381	6
M2RS1	Blue	9 3/4	248	1 3/8	35	18 Gauge Stainless Steel (0,049"/1,22 mm)	84	2381	6

Metalmaster® Bulldog Snip



- For notching or trimming extra heavy stock.
- Non-slip, serrated jaw made of tough molybdenum steel allows for compound lever action.
- Withstands strain of cutting heavy stock and tight curves.
- Spring-action for fast, effortless feed.
- Handle of high tensile strength alloy steel exceeds hand power limit.
- Handy hang-up hole.
- Non-slip, textured grips and safety latch for superior control.

Code No.	Grip colour	Length Inch	Length mm	Inch	mm	Recommended max. capacity low carbon cold rolled steel	Pack Weight oz	Pack Weight g	Shelf Pack
M5R	Red	9 1/4	233	7/8	22	16 Gauge Steel (0,65"/1,65 mm)	70	1985	6

Metalmaster® Pipe and Duct Snip



- Cuts curves, straight or any combination.
- Cuts any shape ducts, seams, sheet metal stock, vinyl tiles and plastic laminates.
- Non-slip serrated jaw of tough molybdenum steel allows for compound lever action.
- Patented ball-bearing jaw action automatically adjusts blade clearance for squarer, cleaner cuts.
- Spring-action for fast, effortless feed.
- Handle of high tensile strength alloy steel exceeds hand power limit.
- Non-slip, textured grips and safety latch for superior control.

Code No.	Grip colour	Length Inch	Length mm	Inch	mm	Recommended max. capacity low carbon cold rolled steel	Pack Weight oz	Pack Weight g	Shelf Pack
M41R	Yellow	9 1/4	233	9/16	14	20 Gauge Steel (0,035"/0,89 mm)	73	2084	1

Repair Parts for Snips and Industrial Cutting Tools



Metalmaster® Snips

Code No.	Description	Shelf Pack
P406	Replacement Spring for M1R, M3R, M5R (10/Pack)	10
P407	Replacement Spring for M2R (10/Pack)	10

Wiss®

Metal-Wizz® Snip

- Cuts curves, straight or any combination.
- Metal-Wizz® snips designed for home craftsman.
- Used for cutting screening, hardware cloth, synthetic shingles, tile gutters, downspouts, and carpeting.
- Non-slip serrated jaw of tough molybdenum steel allows for compound lever action.
- Spring-action for fast, effortless feed.
- Handle of high tensile strength alloy steel exceeds hand power limit.
- Non-slip, textured grips and safety latch for superior control.



Code No.	Length Inch	Length mm	Inch	mm	Recommended max. capacity low carbon cold rolled steel	Pack Weight oz	Pack Weight g	Shelf Pack
MPC3	9	229	1 3/8	35	20 Gauge Steel (0,035"/0,89 mm)	72	2041	6

Metalmaster® Snip

- Combines the long cut of tinners snips with the strength of compound action.
- Compound action multiplies the force of the hand by five times.
- Great for making long, fast cuts in sheet metal, aluminum, and much more.
- Cuts up to 20 gauge steel.
- Features non-slip, serrated jaws as well as non-slip textured grips.



Type	Code No.	Length Inch	Length mm	Inch	mm	Recommended max. capacity low carbon cold rolled steel	Pack Weight oz	Pack Weight g	Shelf Pack
M300	**0073900399**	10 1/2	267	3	76	20 Gauge Steel (0,035"/0,89 mm)	72	2041	6

All-purpose Cutter

- 3"/ 76 mm serrated blades provide longer cut than most tools.
- Serrated blades grab hold and aggressively cuts through the material.
- Compound action provides up to 5:1 power ratio for easy cutting.
- Chrome-plated blades resist rust and corrosion.
- Spring loaded for faster opening.
- Non-slip textured cushion grips.
- Small closed position handle design for smaller hands.
- Cuts cardboard, shingles, wire mesh, sheet metal, sheet vinyl and so much more.



Code No.	Length Inch	Length mm	Inch	mm	Pack Weight oz	Pack Weight g	Shelf Pack
MPX	10 1/2	267	3	76	72	2041	6

"Berlin" Pattern Snips, right cut



Type	Code No.	Packed	Cut	Cuts Metal Sheet up to mm	Length mm	Weight g	Shelf Pack
B12R	**0073500001**	Carded	right	0,8	250	452	6

Shape Cutting Punch Snips, right and left cut



Type	Code No.	Packed	Cut	Cuts Metal Sheet up to mm	Length mm	Weight g	Shelf Pack
B22R	**0073500002**	Carded	right	0,8	250	514	6
B22L	**0073500003**	Carded	left	0,8	250	514	6
B23R	**0073500004**	Carded	right	0,8	275	571	6
B23L	**0073500005**	Carded	left	0,8	275	541	6

Circular Cutting Punch Snips, right and left cut



Type	Code No.	Packed	Cut	Cuts Metal Sheet up to mm	Length mm	Weight g	Shelf Pack
B32R	**0073500006**	Carded	right	0,8	250	501	6
B32L	**0073500007**	Carded	left	0,8	250	506	6

Wiss®

Ideal Tin Snips, right and left cut



Type	Code No.	Packed	Cut	Cuts Metal Sheet up to mm	Length mm	Weight g	Shelf Pack
B42R	**0073500008**	Carded	right	0,8	260	627	6
B42L	**0073500009**	Carded	left	0,8	260	658	6
B43R	**0073500010**	Carded	right	0,8	280	646	6
B43L	**0073500011**	Carded	left	0,8	280	646	6

Pelican Snips straight, right cut



Type	Code No.	Packed	Cut	Cuts Metal Sheet up to mm	Length mm	Weight g	Shelf Pack
B50R	**0073500012**	Carded	right	0,8	300	699	6

Heating, Ventilating and Air Conditioning Tools

- Traditional tools of the sheet metal trades.
- Wiss® HVAC tools are made from the finest quality steel for better edges and long life.
- Treated industrial finish helps prevent rust.
- Cushion grip handles for all-weather comfort and grip.
- Review this catalog for the largest selection of top brand HVAC tools available.
- Suffix ”V“ in Code No. denotes carded product.

3-Blade Hand Crimper



- Crimps up to 22 and 24 gauge sheet metal.
- Compound action jaw.
- Jaw of finest quality steel for better edges and long life.
- Rust resistant blades..
- Cushion handle for all-weather comfort.
- Matte black finish and red plastisol grip.

Code No.	Throat Depth Inch	Throat Depth mm	Length Inch	Length mm	Pack Weight oz	Pack Weight g	Shelf Pack
HC3V	1 1/4	30	9 1/4	222	42	1191	3

5-Blade Hand Crimper



- Joins sheet metal pipes of same size that are corrugated, round or square.
- Compound action jaw.
- Jaw of finest quality steel for better edges and long life.
- Rust resistant blades.
- Cushion handle for all-weather comfort.
- Matte black finish and red plastisol grip.

Code No.	Throat Depth Inch	Throat Depth mm	Length Inch	Length mm	Pack Weight oz	Pack Weight g	Shelf Pack
HC5V	1 1/4	30	9 1/4	222	48	1362	3

Hand Notcher



- Produces true 30° V-shaped cut in sheet metal.
- Compound action jaw.
- Clean notching without slippage.
- Jaw of finest quality steel for better edges and long life.
- Rust resistant blades.
- Cushion handle for all-weather comfort.
- Matte black finish and red plastisol grip.

Code No.	Cutting Angle	Throat Depth Inch	Throat Depth mm	Length Inch	Length mm	Pack Weight oz	Pack Weight g	Shelf Pack
HN1V	30°	1 3/16	20	8 1/2	204	48	1362	3

Hand Seamer

- Produces a permanent tight fitting seam.
- Compound action jaw.
- 1/4" incremental depth marks on jaw.
- Jaw of finest quality steel for better edges and long life.
- Rust resistant blades.
- Cushion handle for all-weather comfort.
- Matte black finish and red plastisol grip.



Code No.	Jaw Depth Inch	Jaw Depth mm	Jaw Width Inch	Jaw Width mm	Length Inch	Length mm	Pack Weigth oz	Pack Weigth g	Shelf Pack
HS1V	1/4–1 1/4	6–30	3 1/4	78	8 3/4	210	69	1956	3

Offset Hand Seamer

- 1/4" incremental depth marks on jaw.
- Compound action jaw for easy metal bending and flattening.
- Jaw of the finest quality steel for better edges and long life.
- Rust resistant blades.
- Cushion handle for all-weather comfort.
- Matte black finish and red plastisol grip.



Code No.	Jaw Depth Inch	Jaw Depth mm	Jaw Width Inch	Jaw Width mm	Length Inch	Length mm	Pack Weight oz	Pack Weight g	Shelf Pack
HS2	1/4–1 1/4	6–30	3 1/4	78	8 3/4	210	138	3912	6

Metal Rivetter



- Two-handed operation.
- Low construction height.
- For perfect bonding of two metal sections by bending pre-pressed brackets up to sheet steel 2 x 0,8 mm.

Type	Code No.	Packed	Length mm	Weight g	Shelf Pack
HPC1	**0070585050**	Carded	350	900	6
LS1	**0074540005**	hole punch for HPC1			1

Metal Nibbler



M10R

M11R

- Design: Chip width 2,8 mm.
- For sheet steel up to 1,2 mm, non-ferrous metals, aluminium. Straight cuts for U- and C sections.
- M11R with automatic chip breaker for comprehensive cutting out and cutting in.

Type	Code No.	Packed	Grip	Length mm	Weight g	Shelf Pack
M10R	**0073801027**	Carded	Green	265	450	6
M11R	**0073801127**	Carded	Black	265	450	6
EM1011	**0074541011**	Bulk	Replacement Blade for M10R and M11R			1

Jeweller Snip

- Jeweller Snip for fine metal sheets and wire.



Type	Code No.	Packed	Cuts Metal Sheet up to mm	Length mm	Weight g	Shelf Pack
G10	**0073500013**	Carded	0,5	180	118	6

Multi Purpose Snips

- Blades made of stainless special steel.
- For cutting fine metal sheets, paper, fabrics, plastic, wire, leather, flowers etc.



Type	Code No.	Packed	Cuts Metal Sheet up to mm	Length mm	Weight g	Shelf Pack
G21	**0073500015**	Carded	0,5	190	135	6

- Spring-loaded blades for reduced fatigue on repeated cuts.
- Soft-touch co-molded handles for maximum comfort.
- 420 Stainless blades provide maximum corrosion resistance.
- Wire cutter notch for easy cutting of light-gauge wire.
- Safety-latch locks blades closed for storage.
- Heavy-duty design is perfect for shop, garden, and craft cutting jobs.



Code No.	Packed	Length mm	Weight g	Shelf Pack
WEZSNIP	Carded	216	150	4

Cable Shear

- Blades made of stainless special steel.
- For soft cables up to 10 mm.



Type	Code No.	Packed	Length mm	Weight g	Shelf Pack
G22	**0073500045**	Carded	160	128	6

Household and Sewing Scissors



- Completely nickel-plated.
- For board, paper and fabrics.

Type	Code No.	Packed	Length mm	Weight g	Shelf Pack
H15	**0073500049**	Carded	150	75	6
H18	**0073500050**	Carded	180	92	6



- Soft comfort grips with oversize high-leverage bottom ring.
- Stainless steel blades for corrosion resistance.
- Adjustable pivot allows fine-tuning to most comfortable setting.
- Straight blades can be easily re-sharpened.
- Cuts paper, fabric, cardboard, craft materials, and more.
- 130 mm and 200 mm combination set is great for sewing and crafts.

Code No.	Packed	Length mm	Weight g	Shelf Pack
WHCS2	Carded	130 + 200	200	4



- Corrosion-resistant stainless steel blades separate for thorough cleaning.
- Dishwasher-safe ergonomically designed polypropylene grips.
- Serrated blades grip uneven materials better for easier cutting.
- Semi-circular notch on lower blade perfect for cutting rounded items.
- Cuts paper, fabric, cardboard, craft materials, and more.

Code No.	Packed	Length mm	Weight g	Shelf Pack
W8TA	Carded	200	109	4

Wiss®

Industrial Shears

- Special steel for easier cutting.
- For board, paper, plastic films, leather, etc.



Type	Code No.	Packed	Length mm	Weight g	Shelf Pack
H20	**0073500016**	Carded	200	218	6
H21	**0073500017**	Carded	280	382	6

- High leverage comfort grip for right or left-handed use.
- 420 Stainless blades provide maximum corrosion resistance.
- Serrated lower blade grips materials securely for more even cutting.
- Adjustable pivot allows fine-tuning to most comfortable setting.
- Blunt point on lower blade for added safety.
- Semi-circular notch on lower blade for faster, easier rope cutting.
- Heavy-duty blade cuts cardboard, rope, rubber, screen, and more.
- Straight blade can be easily re-sharpened (professional re-sharpening is recommended for serrated blade).

NEW PRODUCT



Code No.	Packed	Length mm	Weight g	Shelf Pack
W912	Carded	250	150	4

School and D-I-Y Scissors

- Blades made of special stainless steel.
- For board, paper, plastic films, leather, etc



Type	Code No.	Packed	Length mm	Weight g	Shelf Pack
H26	**0073500054**	Carded	235	123	6

Wall Paper Scissor



- Nickel-plated
- Extra long blades

Type	Code No.	Packed	Length mm	Weight g	Shelf Pack
H32	0073500048	Carded	250	237	6

Heavy Duty Industrial Shears

INLAID®



- Finest quality cutlery steel.
- Black handle
- Hot drop-forged polished blades.
- Patented SET-EASY® pivot

Code No.	Length Inch	mm	Inch	mm	Pack Weight oz	g	Shelf Pack
20	10 1/4	260	4 3/4	121	70	1985	6
22	12 1/4	311	6 1/8	155	108	3062	6

Upholstery, Carpet, Drapery, and Fabric Shears

INLAID®



- Finest quality cutlery steel.
- Thicker, heavy duty blades cut through multiple. layers and tough material.
- Hot drop-forged polished blades.
- Patented SET-EASY® pivot

Code No.	Length Inch	mm	Inch	mm	Pack Weight oz	g	Shelf Pack
20W	10 1/4	260	4 3/4	121	84	2381	6
22W	12 1/4	311	6 1/8	155	124	3515	6

Stainless Steel Industrial Thread Nippers

- Ice tempered, stainless steel blades.
- Ice tempering process provides long lasting cutting edge.
- Blades are micro-honed for smooth, precise cutting.
- 50% lighter than forged clippers.
- Easy to resharpen.
- Computer engineered for durablilty and blade set.



Code No.	Length Inch	Length mm	Inch	mm	Pack Weight oz	Pack Weight g	Shelf Pack
TN1 Sharp points	4 1/2	114	1 1/4	32	20	567	12

Quick-Clip® Lightweight Speed Cutters

- Stainless steel replaceable blades.
- Positive spring-action reopens blades for fast cutting.
- Heavy duty contour design.
- 1570BWI comes with sharp points, 1571BWI with blunt points.
- Industrial PVC plastic handle.



Code No.	Length Inch	Length mm	Inch	mm	Pack Weight oz	Pack Weight g	Shelf Pack
1570BWI	4 3/4	121	1	26	10	284	6
1571BWI	4 3/4	121	1	26	10	284	6

Notes

COOPER Hand Tools

Campbell® Caulk Master® Crescent® Diamond® Erem® Kahnetics® Lufkin®
Nicholson™ Plumb® H.K.Porter® Weller® Wire-Wrap® Wiss® Xcelite®

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